



Material Safety Data Sheet

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SECTION 1 PRODUCT AND COMPANY INFORMATION

Product: Antibody with sodium azide, bovine serum albumin (BSA), and sodium phosphate buffered saline (PBS)

Trade Names and Catalogue Numbers: See Section 16 for product identity of individual products

Chemical Name: Aqueous solutions containing antibodies, sodium azide, bovine serum albumin, and sodium phosphate buffered saline.

Product use: Biological research reagents

Other trade names and synonyms: See Section 16 for product identity of individual products

Manufacturer/Distributor: Millipore Corporation (Corporate Headquarters) Millipore S.A.S. (European Headquarters)

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SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

Component	EINECS or ELINCS No.	CAS No.	Content (weight percent)	Symbol letters*	R Phrases**
Sodium azide	247-852-1	26628-22-8	0.1-0.2%	T+ N	R28, R33 R50/53

- These products also contain bovine serum albumin, sodium chloride, sodium monohydrogen and dihydrogen phosphates, and polypeptides that are not dangerous substances or hazardous chemicals as defined in European Community Directives 67/548/EEC or 1999/45/EC, and Hazard Communication Standard (29 CFR 1910.1200).
- Bovine serum albumin (BSA) and all other blood products should be treated as potentially infectious.

* Symbol letters and categories of danger: **T+** = Very toxic, **T** = Toxic, **C** = Corrosive, **Xn** = Harmful, **Xi** = Irritant, **E** = Explosive, **F+** = Extremely flammable, **F** = Very flammable, **N** = Dangerous for the environment, **O** = Oxidising.

** The full text of each phrase is listed in Section 16.

SECTION 3 HAZARD IDENTIFICATION / EMERGENCY OVERVIEW

Appearance: Colorless liquid

Classification: These products are classified as Harmful, Xn according to Directive 1999/45/EC.

Adverse human health effects

Contact with Eyes: Mild eye irritant

Ingestion: Neurological toxin with hypotensive, visual, and acute cerebral cute effects.

Inhalation (Short Term): Possible respiratory tract and mucous membrane irritant, with symptoms similar to those by ingestion.

Inhalation (Long Term): Prolonged or repeated exposure to sodium azide solution aerosols may result in permanent neurological damage, collapse, or death.

Skin Contact: Possible skin irritant. Sodium azide may be absorbed through the skin with systemic toxicity. Sensitive individuals may experience an allergic reaction to the polypeptide components of this product.

Target Organs: Central nervous system, lungs, cardiovascular system, eyes, skin.

Medical conditions aggravated by exposure: Exposure to sodium azide will exacerbate existing hypotensive conditions. Anaphylactic allergic reactions in sensitized individuals.

Adverse environmental effects: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Adverse physiochemical effects: Sodium azide may react with lead and copper plumbing to form highly explosive metal azides.

SECTION 4 FIRST AID MEASURES

Contact with Eyes: In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Seek immediate medical attention.

Ingestion: If swallowed, summon medical assistance, and then wash out mouth with water provided person is conscious. Do not induce vomiting unless directed to do so by a health care provider.

Inhalation: If inhaled, get medical aid immediately. Remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Skin Contact: In case of contact, immediately wash skin with soap and copious amounts of water. Seek medical attention if irritation or redness occurs.

SECTION 5 FIRE FIGHTING MEASURES

Flash Ignition Temperature: Not known; Not considered to be a fire hazard.

Autoignition Temperature (ASTM D1929): Not known.

Flammability Limits: Not applicable

Suitable extinguishing media: Water spray, carbon dioxide, dry chemical powder or foam.

Unsuitable extinguishing media: None known.

Special protective equipment for firefighters: In a fire, large quantities of sodium azide containing solids may generate significant quantities of hazardous fumes and aerosols. Self contained breathing apparatus is required.

Special exposure hazards: Approach first from upwind direction to avoid sodium azide fumes and aerosols.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions: Area evacuation is not required. Eliminate unnecessary traffic in area of the spill. Wear chemically resistant boots, clothing and gloves (nitrile, neoprene) to prevent skin contact.

Small spills: Clean up spills immediately. Avoid clean up techniques that will create and disperse dust. Wear appropriate protective clothing and if necessary, breathing apparatus. Collect residues and place in labeled plastic containers. Avoid breathing dust and contact with skin and eyes.

Large spills: In addition to Small Spill precautions, clear area of all unnecessary personnel and move upwind, if dust formation is possible.

Environmental precautions: May be discharged into sewer, or industrial waste water systems if allowed by local regulations. Otherwise, collect and dispose according to federal, state and local regulations. Sodium azide will have adverse effects on aquatic life.

Clean up measures: Small spills may be immobilized with the aid of sand or granules and stored in closed containers pending final disposition. Larger spill may be absorbed in sand, sawdust or vermiculite, and stored in closed containers pending final disposition (See section 13). Wash spill area with detergent and water to remove residual contamination. This water may be disposed to the sanitary sewer.

SECTION 7 HANDLING AND STORAGE

Handling: Avoid contact with eyes and skin. Wear gloves. Do not inhale aerosols or vapors. May be harmful if swallowed. Use personal protective equipment outlined in section 8. Wash thoroughly after handling. Use with adequate ventilation.

Storage: Store frozen at -20 °C, unless directed otherwise by the product data sheet. Avoid repeated freeze/thaw cycles.

SECTION 8 EXPOSURE CONTROL AND PERSONAL PROTECTION

	Normal Handling Conditions	Emergency Response Conditions
Respiratory protection:	Not normally required for normal use.	If aerosols are present - air purifying respirator with organic cartridges.
Ventilation:	General room ventilation	If aerosols are present, provide exhaust ventilation
Eye protection:	Safety glasses with side shields	Chemical splash goggles.
Skin protection:	Nitrile gloves and laboratory coat.	Chemically resistant jacket, pants, gloves, boots and head covering

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colorless liquid
Odor:	None
Odor Threshold:	No data have been found
pH:	7.0 – 8.0
Melting Point:	-2 to -5 °C
Boiling Point:	103 to 106 °C
Flash Ignition Point:	None; Not considered to be a fire hazard.
Explosive Properties:	May form explosive compounds with metals including copper, lead and mercury.
Oxidizing Properties:	Not considered to have oxidizing properties.
Vapor pressure, 20 °C:	<1 mm Hg
Specific Gravity (Water = 1.0):	1.0 – 1.2
Solubility	Miscible with water
Vapor Density, 20 °C:	Essentially that of water
Viscosity, centipoise:	Not available
Partition coefficient (n-octanol/water):	Not available

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal temperatures and pressures. If boiled to dryness, the remaining sodium azide residue may rapidly decompose.
Conditions to Avoid:	Elevated temperature, heating to dryness.
Incompatible With:	Strong oxidizing agents, copper, lead, mercury.
Hazardous Decomposition Products:	Nitrogen gas, sodium oxide fumes, oxides of carbon and nitrogen.
Hazardous Polymerization:	Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

Eye Contact:	May cause mild eye irritation.
Ingestion:	May cause toxic neurological effects including hypotension, visual, and acute cerebral effects.
Inhalation:	May cause respiratory tract and mucous membrane irritation, with symptoms similar to those by ingestion.
Skin Contact:	May cause skin irritation or chronic dermatitis. Sodium azide may be absorbed through the skin with systemic toxicity. May cause anaphylactic allergic reactions in sensitized individuals.
Carcinogenicity:	None of the components of these products are listed as carcinogenic by ACGIH, IARC, NTP, OSHA or California proposition 65.

Chronic Toxicity: Chronic exposure to sodium azide may result in symptoms similar to acute ingestion.

Toxicology Data: Toxicological information for this product as a whole does not exist, below is data for the individual components.

Sodium Azide 100% (RTECS # VY8050000)

LD50, oral, rat	27 mg/kg
LD50, oral, mouse	27 mg/kg
LC50, inhalation, rat	37 mg/m ³
LC50, inhalation, mouse	32.4 mg/m ³
LD50, skin, rat	50 mg/kg
LD50, skin, rabbit	20 mg/kg

Sodium azide has been investigated as a Mutagen and Tumorigen.

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity: Calculated for a 0.1 % by weight sodium azide containing solid product:

LC50, Rainbow Trout	0.8-1.6 mL product/liter test water (96 H, 13 °C)
LC50, Bluegill/Sunfish	0.7-0.8 mL product/liter test water (96 H, 18 °C)

Environmental Fate: Aquatic fate: initially, photolysis of sodium azide will result in the formation of metallic nitrides with metals found in natural waters. These nitrides will decompose over time into nitrogen gas and free metals.

SECTION 13 DISPOSAL INFORMATION

Products containing sodium azide may not be disposed to an industrial sewer system, and must be disposed in a manner consistent with national, state, and local regulations.

European Community: When disposal is required, this product be considered according to the European Waste catalogue (European commission decision of 03/05/01 modifying directives 94/3/CE and 75/442/CE) as part of the following category:

16 01 06* aqueous liquids containing dangerous substances

United States: Products containing sodium azide may meet the definition of a US Environmental Protection Agency RCRA D003 (Reactive) hazardous waste. Unused product should be disposed of in a manner consistent with federal, state and local regulations.

SECTION 14 TRANSPORTATION INFORMATION

The transportation of these products is not regulated by IMDG (sea), ADR (road), RID (rail), ICAO/IATA (air), or USDOT as a dangerous goods or hazardous material.

SECTION 15 REGULATORY INFORMATION

Australia: Hazchem Code: Sodium Azide: 2X
Poisons Schedule Number: None Allocated

California:	No Significant Risk Level:	None of the chemicals in these products are known to Millipore Corporation to be listed.
Canada:	WHMIS:	These products have WHMIS classifications of D1A, D2B, F.
European Community:	Symbols:	Xn
	Category of danger:	Harmful
	Risk phrases:	R22 Harmful if swallowed. R28 Very toxic if swallowed. R32 Contact with acids liberates very toxic gas. R50/53 Very toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment.
	Safety phrases:	S1/2 Keep locked up and out of the reach of children. S28 After contact with skin, wash immediately with plenty of water S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
	OECD/High Production Volume (HPV) chemicals:	Sodium azide is listed as a Low Volume Production chemical.
	WEEE and RoHS:	The WEEE and RoHS Directives are not applicable to these products.
Japan:	Poisonous and Deleterious Substances Control Law:	Sodium Azide is listed as a Poisonous Substance under the Poisonous and Deleterious Substances Control Law
United States	Toxic Substances Control Act (TSCA):	One or more of the components of these products are not listed on the EPA Toxic Substances Control Act (TSCA) Inventory. In the United States, their use is restricted to research and development or FDA regulated activities.

Occupational Exposure

Limits	Component	OSHA PEL	NIOSH REL	ACGIH TLV
	Sodium Azide	None	0.30 mg/m ³ (skin)	C 0.29 mg/m ³
	Hydrazoic Acid	None	0.1 ppm (as HN ₃) [skin]	None

Other Occupational Exposure Limits:

The Netherlands MAC-TGG	0.1 mg/m ³
Austria, MAK, Germany MAK, Switzerland MAK	0.2 mg/m ³
Belgium STEL, United Kingdom STEL	0.3 TWA
Australia, Denmark, Finland, France VLE	0.3 TWA
Finland STEL	0.9 TWA

SECTION 16 ADDITIONAL INFORMATION

Catalogue Number	Product Name
MAB045X	MOUSE ANTI-FLUORESCEIN ALEXA FLUORÒ 488 CONJUGATED MONOCLONAL ANTIBODY
MAB074	MOUSE ANTI-HUMAN MYELIN MONOCLONAL ANTIBODY
MAB1124	MOUSE ANTI- INSULIN RECEPTOR SUBSTRATE-1 MONOCLONAL ANTIBODY
MAB1162F	MOUSE ANTI- c-Kit (CD117) FLUORESCEIN CONJUGATED, READY TO USE
MAB1162H	MOUSE ANTI- c-Kit (CD117) R-PHYCOERYTHRIN CONJUGATED
MAB1205F	MOUSE ANTI HUMAN CD15, MONOCLONAL ANTIBODY
MAB1207	MOUSE ANTI HUMAN PLATELET IIb-IIIa (CD41), MONOCLONAL ANTIBODY
MAB1207H	MOUSE ANTI HUMAN PLATELET IIb-IIIa (CD41), MONOCLONAL ANTIBODY
MAB1217F	MOUSE ANTI HUMAN B-CELLS (FMC-7), MONOCLONAL ANTIBODY
MAB1219	MOUSE ANTI HUMAN CD14, Monoclonal Antibody
MAB1219F	MOUSE ANTI HUMAN CD14, MONOCLONAL ANTIBODY
MAB1245	MOUSE ANTI HUMAN CD1C , MONOCLONAL ANTIBODY
MAB1254B	MOUSE ANTI-HUMAN MAST CELL CHYMASE MONOCLONAL ANTIBODY
MAB1275	MOUSE ANTI HUMAN HLA-ABC COMMON ANTIGEN, MONOCLONAL ANTIBODY
MAB1275F	MOUSE ANTI HUMAN HLA-ABC COMMON ANTIGEN, MONOCLONAL ANTIBODY
MAB1280	MOUSE ANTI HUMAN HLA-ABC COMMON ANTIGEN, MONOCLONAL ANTIBODY PURIFIED ANTIBODY
MAB1281X	MOUSE ANTI-HUMAN NUCLEI ALEXA FLUORÒ 488 CONJUGATED MONOCLONAL ANTIBODY
MAB1285	MOUSE ANTI HUMAN HLA-B27, MONOCLONAL ANTIBODY
MAB1285	MOUSE ANTI HUMAN HLA-B27 MONOCLONAL ANTIBODY
MAB1285F	MOUSE ANTI HUMAN HLA-B27, MONOCLONAL ANTIBODY
MAB1285FX	MOUSE ANTI HUMAN HLA-B27, MONOCLONAL ANTIBOD
MAB1288	MOUSE ANTI HUMAN HLA-B7, MONOCLONAL ANTIBODY
MAB1290F	MOUSE ANTI-HLA-DR FLUORESCEIN CONJUGATED MONOCLONAL ANTIBODY
MAB1298	MOUSE ANTI-MYOGLOBIN MONOCLONAL ANTIBODY
MAB1379F	MOUSE ANTI HUMAN CD54 FLUORESCEIN CONJUGATED MONOCLONAL ANTIBODY
MAB1380	MOUSE ANTI HUMAN INTEGRIN alphaM [CD11b] MONOCLONAL ANTIBODY
MAB1380F	MOUSE ANTI HUMAN CD11b FLUORESCEIN CONJUGATED MONOCLONAL ANTIBODY
MAB1382F	MOUSE ANTI HUMAN CD49d FLUORESCEIN CONJUGATED MONOCLONAL ANTIBODY
MAB1383	MOUSE ANTI HUMAN CD49d MONOCLONAL ANTIBODY
MAB1384F	MOUSE ANTI HUMAN CD49b FLUORESCEIN CONJUGATED MONOCLONAL ANTIBODY
MAB1386F	MOUSE ANTI MOUSE CD11a FLUORESCEIN CONJUGATED MONOCLONAL ANTIBODY
MAB1387F	RAT ANTI MOUSE CD11b FLUORESCEIN-CONJUGATED MONOCLONAL ANTIBODY
MAB1388F	RAT ANTI HUMAN CD18 FLUORESCEIN CONJUGATED MONOCLONAL ANTIBODY
MAB1390E	MOUSE ANTI RAT CD11a R. PHYCOERYTHRIN CONJUGATED MONOCLONAL ANTIBODY
MAB1390F	MOUSE ANTI RAT CD11a FLUORESCEIN CONJUGATED MONOCLONAL ANTIBODY
MAB1391	MOUSE ANTI RAT CD54 (ICAM-1) MONOCLONAL ANTIBODY
MAB1391F	MOUSE ANTI RAT CD54 FLUORESCEIN CONJUGATED MONOCLONAL ANTIBODY
MAB1391Z-K	MOUSE ANTI RAT ICAM-1: AZIDE FREE MONOCLONAL ANTIBODY
MAB1392F	MOUSE ANTI RAT CD31 FLUORESCEIN CONJUGATED MONOCLONAL ANTIBODY
MAB1400E	RAT ANTI MOUSE CD11a R-PHYCOERYTHRIN-CONJUGATED MONOCLONAL ANTIBODY

MAB1400F RAT ANTI MOUSE CD11a FLUORESCHEIN CONJUGATED MONOCLONAL ANTIBODY
MAB1430 MOUSE ANTI-HUMAN COLLAGEN TYPE IV MONOCLONAL ANTIBODY
MAB1492F MOUSE ANTI MOUSE Ly24A.2 (CD44) FLUORESCHEIN CONJUGATED MONOCLONAL ANTIBODY
MAB1501X MOUSE ANTI-ACTIN ALEXA FLUORÒ 488 CONJUGATED MONOCLONAL ANTIBODY
MAB1620X MOUSE ANTI-CYTOKERATIN 5/6 ALEXA FLUORÒ 488 CONJUGATED MONOCLONAL ANTIBODY
MAB1622 MOUSE ANTI-SPECTRIN (NONERYTHROID) MONOCLONAL ANTIBODY
MAB1624 MOUSE ANTI-HUMAN VINCULIN MONOCLONAL ANTIBODY
MAB1637 MOUSE ANTI-TUBULIN, BETA III ISOFORM MONOCLONAL ANTIBODY
MAB1637-50UL MOUSE ANTI-TUBULIN, BETA III ISOFORM MONOCLONAL ANTIBODY
MAB1686 MOUSE ANTI-ACTININ, ALPHA MONOCLONAL ANTIBODY
MAB1690 MOUSE ANTI-DYSTROPHIN (Amino Terminal) MONOCLONAL ANTIBODY
MAB1694 MOUSE ANTI-DYSTROPHIN (Carboxy Terminus) MONOCLONAL ANTIBODY
MAB1743 MOUSE ANTI-HUMAN CD16 MONOCLONAL ANTIBODY
MAB1747 MOUSE ANTI HUMAN CD21, MONOCLONAL ANTIBODY
MAB1747F MOUSE ANTI HUMAN CD21, MONOCLONAL ANTIBODY
MAB1759 MOUSE ANTI HUMAN CD59, MONOCLONAL ANTIBODY PURIFIED ANTIBODY
MAB1759F MOUSE ANTI HUMAN CD59, MONOCLONAL ANTIBODY FITC CONJUGATED ANTIBODY
MAB1770 MOUSE ANTI HUMAN CD9, MONOCLONAL ANTIBODY PURIFIED ANTIBODY
MAB1794F MOUSE ANTI HUMAN B CELLS (CD19), MONOCLONAL ANTIBODY FLUORESCHEIN CONJUGATED, READY TO USE
MAB1794H MOUSE ANTI HUMAN B CELLS (CD19), MONOCLONAL ANTIBODY R-PHYCOERYTHRIN* CONJUGATED, READY TO USE
MAB1795 MOUSE ANTI HUMAN CD32, MONOCLONAL ANTIBODY PURIFIED ANTIBODY
MAB1830 MOUSE ANTI HUMAN CD19 MONOCLONAL ANTIBODY
MAB1830F MOUSE ANTI HUMAN CD19 FITC MONOCLONAL ANTIBODY
MAB1830H MOUSE ANTI HUMAN CD19 R-PHYCOERYTHRIN-CONJUGATED MONOCLONAL ANTIBODY
MAB1832 MOUSE ANTI-HUMAN CD59 FLUORESCHEIN CONJUGATED MONOCLONAL ANTIBODY
MAB1833 MOUSE ANTI HUMAN CD59 R-PHYCOERYTHRIN-CONJUGATED MONOCLONAL ANTIBODY
MAB1834 RAT ANTI MOUSE CD4 FITC MONOCLONAL ANTIBOD
MAB1835 MOUSE ANTI HUMAN CD80 FLUORESCHEIN CONJUGATED MONOCLONAL ANTIBODY
MAB1836F MOUSE ANTI HUMAN CD16 FLUORESCHEIN CONJUGATED MONOCLONAL ANTIBODY
MAB1836H MOUSE ANTI HUMAN CD16 R-PHYCOERYTHRIN CONJUGATED MONOCLONAL ANTIBODY
MAB1837 MOUSE ANTI HUMAN CD8 MONOCLONAL ANTIBODY
MAB1839F MOUSE ANTI HUMAN CD79a FLUORESCHEIN-CONJUGATED MONOCLONAL ANTIBODY
MAB1846H MOUSE ANTI HUMAN CD3 RPE CONJUGATED MONOCLONAL ANTIBODY
MAB1847F MOUSE ANTI-HUMAN CD41 FLUORESCHEIN-CONJUGATED MONOCLONAL ANTIBODY
MAB1847H MOUSE ANTI HUMAN CD41 RPE CONJUGATED MONOCLONAL ANTIBODY
MAB1849 MOUSE ANTI RAT CD8 BIOTIN CONJUGATED MONOCLONAL ANTIBODY
MAB1849H MOUSE ANTI RAT CD8 R. PHYCOERYTHRIN CONJUGATED MONOCLONAL ANTIBODY
MAB1850F RAT ANTI MOUSE CD3 FLUORESCHEIN CONJUGATED MONOCLONAL ANTIBODY
MAB1851F RAT ANTI MOUSE MACROPHAGES FLUORESCHEIN CONJUGATED MONOCLONAL ANTIBODY
MAB1853H MOUSE ANTI RAT CD4 R. PHYCOERYTRIN CONJUGATED MONOCLONAL ANTIBODY
MAB1854H MOUSE ANTI HUMAN CD14 R. PHYCOERYTHRIN CONJUGATED MONOCLONAL ANTIBODY

MAB1855F	RAT ANTI MOUSE CD8 ALPHA FLUORESCHEIN-CONJUGATED MONOCLONAL ANTIBODY
MAB1855H	RAT ANTI MOUSE CD8 ALPHA R. PHYCOERYTHRIN-CONJUGATED MONOCLONAL ANTIBODY
MAB1857F	RAT ANTI HUMAN CD28 FLUORESCHEIN-CONJUGATED MONOCLONAL ANTIBODY
MAB1857H	RAT ANTI HUMAN CD28 R-PHYCOERYTHRIN-CONJUGATED MONOCLONAL ANTIBODY
MAB1858	MOUSE ANTI HUMAN B-CELLS FLUORESCHEIN CONJUGATED MONOCLONAL ANTIBODY
MAB1940	MOUSE ANTI-CELLULAR FIBRONECTIN MONOCLONAL ANTIBODY
MAB1940	MOUSE ANTI-CELLULAR FIBRONECTIN MONOCLONAL ANTIBODY
MAB1941	MOUSE ANTI HUMAN FIBRONECTIN MONOCLONAL ANTIBODY
MAB1957B	MOUSE ANTI-HUMAN INTEGRIN b3 (GPIIIa, CD61) BIOTIN-CONJUGATED MONOCLONAL ANTIBODY
MAB1961B	MOUSE ANTI-HUMAN INTEGRIN aVb5 BIOTIN-CONJUGATES MONOCLONAL ANTIBODY
MAB1961F	MOUSE ANTI-HUMAN INTEGRIN alphaVbeta5 FLUORESCHEIN-CONJUGATED MONOCLONAL ANTIBODY
MAB1961H	MOUSE ANTI-HUMAN INTEGRIN aVb5 R-PHYCOERYTHRIN CONJUGATED MONOCLONAL ANTIBODY
MAB1961X	MOUSE ANTI-HUMAN INTEGRIN alphaVbeta5 ALEXA FLUORÒ 488 CONJUGATED MONOCLONAL ANTIBODY
MAB1974	MOUSE ANTI-HUMAN INTEGRIN b3 MONOCLONAL ANTIBODY
MAB1976B	MOUSE ANTI-HUMAN INTEGRIN aVb3 (VITRONECTIN RECEPTOR) BIOTIN CONJUGATED MONOCLONAL ANTIBODY
MAB1977	MOUSE ANTI-HUMAN INTEGRIN beta1 [CD29] MONOCLONAL ANTIBODY
MAB1990	MOUSE ANTI-INTEGRIN aIIb MONOCLONAL ANTIBODY
MAB1993F	MOUSE ANTI HUMAN CD58: FITC MONOCLONAL ANTIBODY
MAB2064F	MOUSE ANTI HUMAN CD11c FLUORESCHEIN CONJUGATED MONOCLONAL ANTIBODY
MAB2128F	MOUSE ANTI HUMAN CD62L FITC MONOCLONAL ANTIBODY
MAB2133E	MOUSE ANTI-HUMAN CD31: PHYCOERYTHRIN CONJUGATE MONOCLONAL ANTIBODY
MAB2135	MOUSE ANTI HUMAN CD44 MONOCLONAL ANTIBODY
MAB2135F	MOUSE ANTI HUMAN CD44 FLUORESCHEIN CONJUGATED MONOCLONAL ANTIBODY
MAB2139E	MOUSE ANTI HUMAN CD31: RPE MONOCLONAL ANTIBODY
MAB2148F	MOUSE ANTI-HUMAN PECAM FLUORESCHEIN-CONJUGATED MONOCLONAL ANTIBODY
MAB2242F	RAT ANTI MOUSE VCAM-1 FLUORESCHEIN CONJUGATED MONOCLONAL ANTIBODY
MAB2255E	MOUSE ANTI HUMAN CD49e R-PHYCOERYTHRIN-CONJUGATED MONOCLONAL ANTIBODY
MAB2255F	MOUSE ANTI HUMAN CD49E FLUORESCHEIN-CONJUGATED MONOCLONAL ANTIBODY
MAB2257E	MOUSE ANTI HUMAN CD49c: RPE MONOCLONAL ANTIBODY
MAB2257F	MOUSE ANTI HUMAN CD49c FLUORESCHEIN CONJUGATED MONOCLONAL ANTIBODY
MAB3080F	MOUSE ANTI-PHOSPHOTYROSINE FITC LABELED MONOCLONAL ANTIBODY
MAB3124	MOUSE ANTI-HUMAN BCL-XL R-PHYCOERYTHRIN CONJUGATED MONOCLONAL ANTIBODY
MAB312RX	MOUSE ANTI-NEURON CELL SURFACE ANTIGEN (A2B5) ALEXA FLUORÒ 488 CONJUGATED MONOCLONAL ANTIBODY
MAB316	MOUSE ANTI-GABA (Gamma-Aminobutyric Acid) MONOCLONAL ANTIBODY
MAB317	MOUSE ANTI-CALCITONIN GENE RELATED Antibody (CGRP) MONOCLONAL ANTIBODY
MAB3193	MOUSE ANTI-HUMAN CD40 MONOCLONAL ANTIBODY
MAB3206	MOUSE ANTI-HUMAN CD40 FLUORESCHEIN-CONJUGATED MONOCLONAL ANTIBODY
MAB3207	MOUSE ANTI-HUMAN CD40 MONOCLONAL ANTIBODY
MAB3402X	MOUSE ANTI-GLIAL FIBRILLARY ACIDIC PROTEIN (GFAP) ALEXA FLUORÒ 488 CONJUGATED MONOCLONAL ANTIBODY
MAB3418X	MOUSE ANTI-MAP-2 ALEXA FLUORÒ 488 CONJUGATED MONOCLONAL ANTIBODY

MAB3432	MOUSE ANTI-HUMAN GLYCOPHORIN A MONOCLONAL ANTIBODY
MAB3432H	MOUSE ANTI HUMAN GLYCOPHORIN A, MONOCLONAL ANTIBODY R-PHYCOERYTHRIN* CONJUGATED, READY TO USE
MAB3434H	Quanti-Dä Rh D Antigen, Monoclonal Antibody R-Phycoerythrin* Conjugated, Ready To Use
MAB3435F	Com-DF Rh D-PE* / HbF-FITC Dual Staining Reagent Ready To Use
MAB3435F-100T	Com-DF Rh D-PE* / HbF-FITC Dual Staining Reagent Ready To Use
MAB377B	MOUSE ANTI-NEURONAL NUCLEI (NeuN) BIOTIN CONJUGATED MONOCLONAL ANTIBODY
MAB377X	MOUSE ANTI-NEURONAL NUCLEI (NeuN) ALEXA FLUORÒ 488 CONJUGATED MONOCLONAL ANTIBODY
MAB3914	MOUSE ANTI-CYTOCHROME C MONOCLONAL ANTIBODY
MAB4201F	MOUSE ANTI HUMAN HLA-DR, MONOCLONAL ANTIBODY FLUORESCHEIN CONJUGATED, READY TO USE
MAB4205	MOUSE ANTI-HUMAN LEUCOCYTE COMMON ANTIGEN (CD45) PURIFIED ANTIBODY
MAB4205F	MOUSE ANTI HUMAN LEUCOCYTE COMMON ANTIGEN (CD45), MONOCLONAL ANTIBODY
MAB4206	HUMAN CD33, Mouse Monoclonal Antibody R-PHYCOERYTHRIN* CONJUGATED, READY TO USE
MAB4211	MOUSE MONOCLONAL ANTI-HUMAN CD34
MAB4212F	MOUSE ANTI HUMAN HLA-B27 (COM-B27) REAGENT* FLUORESCHEIN CONJUGATED
MAB423F	MOUSE ANTI-HUMAN CALLA (CD10) FITC CONJUGATED MONOCLONAL ANTIBODY
MAB430	MOUSE ANTI-HUMAN EPITHELIUM/ENDOTHELIAL CELLS MONOCLONAL ANTIBODY
MAB4310X	ANTI- PROMININ-1(CD133) ALEXA FLUOR® 488 CONJUGATED MONOCLONAL ANTIBODY
MAB4310X	RAT ANTI-CD133 ALEXA FLUOR® 488 CONJUGATED MONOCLONAL ANTIBODY
MAB4313X	MOUSE ANTI-HUMAN CD93 (C1qRp) ALEXA FLUOR® 488 CONJUGATED MONOCLONAL ANTIBODY
MAB4334PE	MOUSE MONOCLONAL ANTI- MDR1 (P-GLYCOPROTEIN) UIC2 PHYCOERYTHRIN CONJUGATED MOUSE MONOCLONAL ANTIBODY
MAB4400P	MOUSE ANTI-RENILLA LUCIFERASE PEROXIDASE CONJUGATED MONOCLONAL ANTIBODY
MAB4602	MOUSE ANTI-MCL-1 MONOCLONAL ANTIBODY
MAB4621	MOUSE ANTI-FAS MONOCLONAL ANTIBODY
MAB4624	MOUSE ANTI-MCL-1 MONOCLONAL ANTIBODY
MAB480	MOUSE ANTI-HUMAN TdT MONOCLONAL ANTIBODY (Terminal Transferase)
MAB5280X	MOUSE ANTI-TYROSINE HYDROXYLASE ALEXA FLUORÒ 488 CONJUGATED MONOCLONAL ANTIBODY
MAB5326X	MOUSE ANTI-NESTIN, HUMAN SPECIFIC ALEXA FLUORÒ 488 CONJUGATED MONOCLONAL ANTIBODY
MAB8126-PE	MOUSE ANTI-CMV LATE ANTIGEN R-PHYCOERYTHRIN CONJUGATED MONOCLONAL ANTIBODY
MAB8127PE	MOUSE ANTI-CMV LATE ANTIGEN R-PHYCOERYTHRIN CONJUGATED MONOCLONAL ANTIBODY
MAB8257B	MOUSE ANTI-INFLUENZA A BIOTINYLATED MONOCLONAL ANTIBODY
MAB8257B	MOUSE ANTI-INFLUENZA A BIOTINYLATED MONOCLONAL ANTIBODY
MAB8258B	MOUSE ANTI-INFLUENZA A BIOTINYLATED MONOCLONAL ANTIBODY
MAB8258B-5	MOUSE ANTI-INFLUENZA A BIOTINYLATED MONOCLONAL ANTIBODY
MAB8259B	MOUSE ANTI-INFLUENZA B BIOTINYLATED MONOCLONAL ANTIBODY
MAB8259B-5	MOUSE ANTI-INFLUENZA B BIOTINYLATED MONOCLONAL ANTIBODY
MAB8260B	MOUSE ANTI-INFLUENZA B BIOTINYLATED MONOCLONAL ANTIBODY
MAB8260B-5	MOUSE ANTI-INFLUENZA B BIOTINYLATED MONOCLONAL ANTIBODY

MAB8262B	MOUSE ANTI- RSV FUSION 133-1H BIOTINYLATED MONOCLONAL ANTIBODY
MAB8262B-5	MOUSE ANTI- RSV FUSION 133-1H BIOTINYLATED MONOCLONAL ANTIBODY
MAB858-2B	MOUSE ANTI-RESPIRATORY SYNCYTIAL VIRUS (RSV) BIOTINYLATED MONOCLONAL ANTIBODY
MAB858-2B-5	MOUSE ANTI-RESPIRATORY SYNCYTIAL VIRUS (RSV) BIOTINYLATED MONOCLONAL ANTIBODY
MAB858-3B	MOUSE ANTI-RESPIRATORY SYNCYTIAL VIRUS (RSV) BIOTINYLATED MONOCLONAL ANTIBODY
MAB858-3B-5	MOUSE ANTI-RESPIRATORY SYNCYTIAL VIRUS (RSV) BIOTINYLATED MONOCLONAL ANTIBODY
MAB8671B	MOUSE ANTI-INFLUENZA B BIOTINYLATED MONOCLONAL ANTIBODY
MAB8671B-5	MOUSE ANTI-INFLUENZA B BIOTINYLATED MONOCLONAL ANTIBODY
MAB880-AF	MOUSE ANTI-HUMAN HIV p24 FITC CONJUGATED MONOCLONAL ANTIBODY
MAB882	MOUSE ANTI-HIV GP 41 MONOCLONAL ANTIBODY
MAB8850	MOUSE ANTI-bcl-2a ONCOPROTEIN MONOCLONAL ANTIBODY
MAB8876	MOUSE ANTI-CD87/UPA-R MONOCLONAL ANTIBODY
MAB8889	MOUSE ANTI-CYCLIN A MONOCLONAL ANTIBODY
MAB8891	MOUSE ANTI-E2F-2 TRANSCRIPTION FACTOR MONOCLONAL ANTIBODY
MAB925F	MOUSE ANTI-RUBELLA FITC CONJUGATED MONOCLONAL ANTIBODY
MABC004F	IgG2a NEGATIVE CONTROL, Mouse Monoclonal Antibody FLUORESCHEIN CONJUGATED, READY TO USE
MABC006F	IgG2b NEGATIVE CONTROL, Mouse Monoclonal Antibody FITC CONJUGATED, READY TO USE
MABC006H	IgG2b NEGATIVE CONTROL, Mouse Monoclonal Antibody R-PHYCOERYTHRIN* CONJUGATED, READY TO USE
MABC008F	IgM NEGATIVE CONTROL, Mouse Monoclonal Antibody FLUORESCHEIN CONJUGATED, READY TO USE
MABC016H	IgG2a NEGATIVE CONTROL, Mouse Monoclonal Antibody R-PHYCOERYTHRIN* CONJUGATED, READY TO USE

Abbreviations Used

ACGIH	American Conference of Government Industrial Hygienists
ADR	European agreement on the international carriage of dangerous goods on road
CAS	Chemical Abstract Service
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
EPA	United States Environmental Protection Agency
IARC	International Agency for Research in Cancer.
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	Regulations regarding the transportation of dangerous goods on ocean-going vessels issued by the International Maritime Organization.
IUCLID	International Uniform Chemical Information Database
LC ₅₀	Lethal Concentration 50% is the concentration of a chemical which kills 50% of a sample population
LD ₅₀	Lethal Dose 50% is the dose of a chemical which kills 50% of a sample population.
LDLo	Lowest observed lethal dose
MSFU	Manufacture, Formulation, Supply and Use (Section 13)
NIOSH	National Institute of Occupational Safety and Health (US)
NTP	National Toxicology Program (US)

OSHA	United States Occupational Safety and Health Administration
RID	International regulations concerning the international carriage of dangerous goods by rail.
RTECS	Registry of Toxic Effects of Chemical Substances (US)
VLE	15 minute short term exposure limit (France)
WEL	Workplace Exposure Limit (EU)
WHMIS	Workplace Hazardous Materials Information System (Canada)

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