

**MOUSE ANTI-MACROPHAGES, LATE STAGE INFLAMMATORY
MONOCLONAL ANTIBODY**

CATALOG NUMBER:	MAB1569
LOT NUMBER:	
QUANTITY:	100T (100 µg)
SPECIFICITY:	Human late stage inflammatory macrophages. The monoclonal is suitable for use on BAL (bronchial lavage fluids) and other lavages. The antigen recognized by MAB1569 is an 86 kDa protein (unreduced conditions), probably a glycoprotein on the cell surface and within the cytoplasm of mature macrophages. It is stable to formaldehyde fixation and paraffin embedding. Enzyme digestion is recommended. The antibody has also been reported to recognize microglia stem cells (X International Congress of Neuropathology, Stockholm, le 11 September, 1986. Poster A-701).
ISOTYPE:	IgG ₁
CLONE:	25F9
APPLICATIONS:	<u>Immunohistochemistry</u> : 1:50-1:200 using human tonsil cryosection. The antibody is reactive on formalin fixed / paraffin sections. Enzyme digestion (proteinase pretreatment) is recommended. <u>Immunocytochemistry</u> Optimal working dilutions must be determined by the end user.
ANTIGEN DISTRIBUTION:	<u>Isolated cells</u> : Absent on freshly isolated monocytes and other blood cells; present on 40-50% of human monocytes after 6-7 day culture, also positive on some melanoma and carcinoma cell lines. <u>Tissue sections</u> : Kupffer cells, histiocytes (skin), macrophages of the thymus, in the germinal centers of lymph nodes and spleen, in mamma carcinoma, melanoma, osteocarcinoma and gastric cancer; excema, sarcoidosis, BCG granuloma; synovial lining cells, tuberculoid leprosy; no expression in lepromatous leprosy.
SPECIES REACTIVITIES:	Human, rhesus monkey (macrophages) and porcine (alveolar macrophages and Kupffer cells).
FORMAT:	Purified immunoglobulin from culture supernatant.
PRESENTATION:	Lyophilized from PBS, pH 7.2 containing 5 mg/mL BSA and 0.09% sodium azide. Reconstitute with 500 µL of sterile distilled water.
STORAGE/HANDLING:	Maintain lyophilized material at 2-8°C for up to 6 months after date of receipt. After reconstitution maintain at -70°C in undiluted aliquots for up to 6 months. Avoid repeated freeze/thaw cycles.

For research use only; not for use as a diagnostic.

REFERENCES:

- Broecker, E.B. et al., *Int. Cancer* (1988) **41**:562-567.
Broecker, E.B. et al., *Canc. Immunol. Immunother.* (1987) **25**:81-86.
Hedil, G. et al., *J. Cancer Res. Clin. Oncol.* (1987) **113**:567-572.
Hume, D. et al., *J. Leukocyte Biol.* (1985) **38**:541-552.
Pecovic, D. et al., *J. Pathol.* (1987) **152**:31-35.
Ringler, D.J., Walsh, D.G., *Clin. Immunopathol.* (1988) **49**:349-364.
Zwaldo, G., et al., *J. Immunol.* (1985) **134**:1487-1492

For research use only; not for use as a diagnostic.

© 2002-2004: CHEMICON International, Inc. - By CHEMICON International, Inc. All rights reserved. No part of these works may be reproduced in any form without permissions in writing.

USA & Canada • Phone: +1(800) 437-7500 • Fax: +1 (951) 676-9209 • Europe +44 (0) 23 8026 2233
Australia +61 3 9839 2000 • Germany +49-6192-207300 • ISO Registered worldwide
www.chemicon.com • custserv@chemicon.com • techserv@chemicon.com