

**MOUSE ANTI-HUMAN CD41a
MONOCLONAL ANTIBODY**

CATALOG NUMBER:	CBL130	QUANTITY:	100 µg
LOT NUMBER:		CONCENTRATION:	0.1 mg/mL
CLONE:	DD4.1	HOST/ISOTYPE:	Ms IgG1
ALTERNATE NAMES:	intact platelet gpIIb/IIIa complex		
BACKGROUND:	Platelet gpIIb/IIIa complex is found in platelets, megakaryocytes and monocytes. Acute megakaryoblastic leukemia cells are also positive for the gpIIb/IIIa antigen whereas common myeloid leukemias are negative. Ligand binding occurs in part via an RGD sequence which is known to be of importance for certain other adhesion interactions with extracellular proteins		
SPECIFICITY:	The antibody recognizes the intact platelet gpIIb/IIIa complex. It does not bind to dissociated gpIIb or gpIIIa, only gpIIb in the intact complex.		
IMMUNOGEN:	Medulloblastoma tissue		
APPLICATIONS:	<u>Immunofluorescence</u> <u>Flow cytometry</u> <i>Optimal working dilutions must be determined by the end user.</i>		
SPECIES REACTIVITY:	Human. Reactivity with other species has not been confirmed.		
PRESENTATION:	Protein A purified immunoglobulin presented in phosphate-buffered saline with 1 mg/mL BSA and 10 mM sodium azide.		
STORAGE/HANDLING:	Maintain at 2°-8°C for for up to one year from date of receipt.		
REFERENCES:	Kieffer, N. & Phillips, D. R. (1990). <i>Ann. Rev. Cell Biol.</i> 6 :334-57. Leucocyte Typing IV (1989). Oxford University Press Kemshead, J. (1984). <i>Brit. J. Haem.</i> 57 :621-24.		

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

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

Unless otherwise stated in our catalog or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.

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10-12-07/CBL130/TB