

CD18 antibody [MEM-48] (PE)

Cat. No. GTX79945

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, IHC-P, FCM, Blocking
Reactivity	Human, Mouse

References (1)
 Package
 100 test

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
IHC-P	Assay dependent
FCM	20 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension
Blocking	Assay dependent

Not tested in other applications.

Calculated MW	85 kDa. (Note)
Product Note	<p>This antibody recognizes an epitope involving residues 534-546 in cysteine-rich repeat 3 of the CD18 antigen (integrin beta2 subunit; beta2 integrin).</p> <p>We do not recommend use of this product for Dog samples.</p>

Properties

Form	Liquid
Buffer	PBS
Preservative	15mM Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE. Protect from light.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	Leukocytes of a patient suffering from a LGL-type leukemia.
Purification	Purified by size-exclusion chromatography
Conjugation	Phycoerythrin (PE) Wavelength



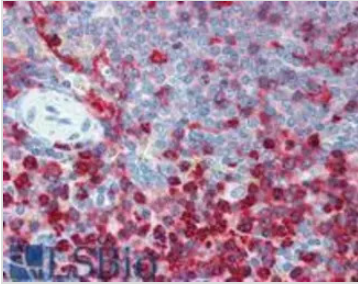
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Note

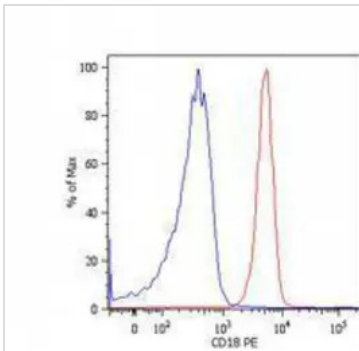
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DATA IMAGES



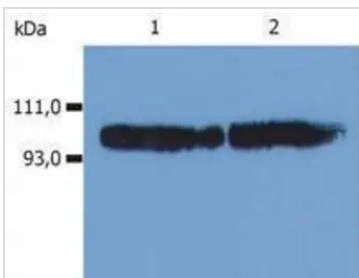
GTX79945 IHC-P Image

Immunohistochemistry staining of human spleen (paraffin sections) using anti-CD18 (MEM-48).



GTX79945 FCM Image

Surface staining of human peripheral blood cells with anti-human CD18 (MEM-48) PE. Cells in the granulocyte gate were used for analysis.



GTX79945 WB Image

Western Blotting analysis (non-reducing conditions) of whole cell lysate using anti-human CD18 (MEM-48).
Lane 1: KG-1a human acute myeloid leukemia cell line. Lane 2: HPB-ALL human peripheral blood T cell leukemia cell line



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