

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

Note : Do not need a permeabilization step.

Not tested in other applications.

Calculated MW 85 kDa. ([Note](#))

Product Note

This antibody recognizes an epitope involving residues 534-546 in cysteine-rich repeat 3 of the CD18 antigen (integrin beta2 subunit; beta2 integrin).
 We do not recommend use of this product for Dog samples.

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

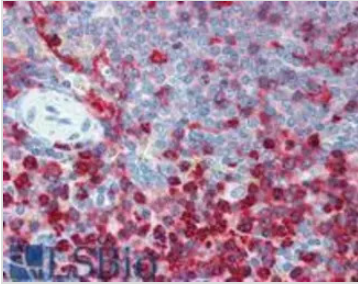


For full product information, images and publications, please visit our [website](#).

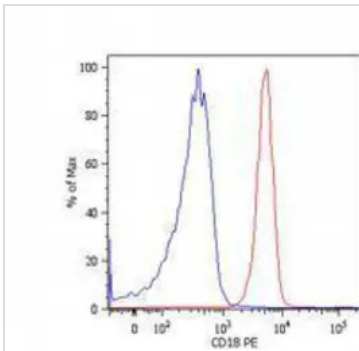
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Note
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

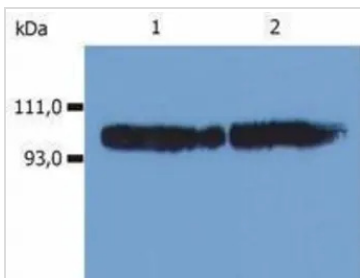
DATA IMAGES

**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



For full product information, images and publications, please visit our [website](#).