

Product Datasheet

Integrin beta 2/CD18 Antibody (MEM-48) - BSA Free NB500-379

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NB500-379

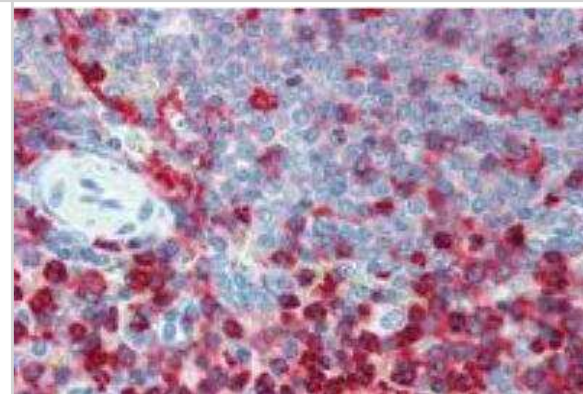
Integrin beta 2/CD18 Antibody (MEM-48) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	MEM-48
Preservative	0.9% Sodium Azide
Isotype	IgG1
Purity	Multi-step
Buffer	PBS (pH 7.4)
Target Molecular Weight	95 kDa
Product Description	
Host	Mouse
Gene ID	3689
Gene Symbol	ITGB2
Species	Human
Specificity/Sensitivity	The antibody MEM-48 recognizes an epitope involving residues 534-546 in cysteine-rich repeat 3 of the CD18 antigen (integrin beta2 subunit; beta2 integrin). CD18 is a 90-95 kDa type I transmembrane protein expressed on all leukocytes.
Immunogen	Leukocytes of a patient suffering from a LGL-type leukemia.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Radioimmunoassay, CyTOF-ready
Recommended Dilutions	Western Blot 2 ug/ml, Flow Cytometry 2 ug/ml, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:50, Immunohistochemistry-Paraffin 10 ug/ml, Immunohistochemistry-Frozen 1:200, Radioimmunoassay 1:100-1:2000, CyTOF-ready
Application Notes	Western Blot - Sample preparation: buffer with laurylmaltoside, 2 x non-reducing SDS Application note: Non-reducing conditions. SDS-PAGE (6% separating gel). This antibody is CyTOF ready.

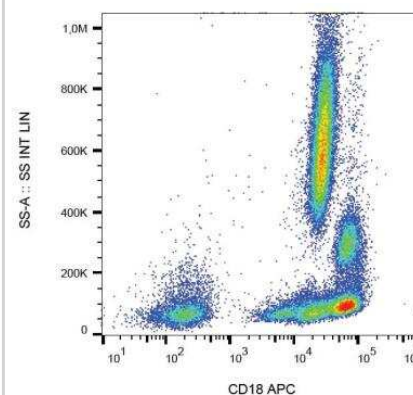


Images

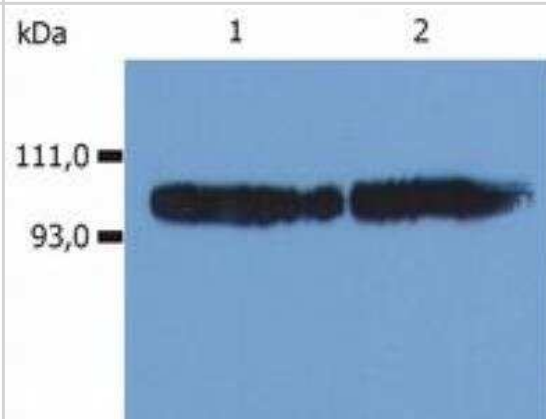
Immunohistochemistry-Paraffin: Integrin beta 2/CD18 Antibody (MEM-48) [NB500-379] - Staining of human spleen (paraffin sections) using anti-CD18 (MEM-48).



Flow Cytometry: Integrin beta 2/CD18 Antibody (MEM-48) [NB500-379] - Human peripheral blood with anti-CD18 (MEM-48) APC.



Radioimmunoassay: Integrin beta 2/CD18 Antibody (MEM-48) [NB500-379] - 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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Products Related to NB500-379

NBL1-12072	Integrin beta 2/CD18 Overexpression Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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