

# 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**

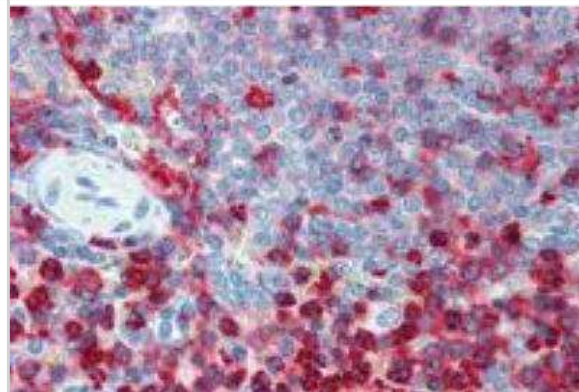
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	MEM-48
<b>Preservative</b>	15mM Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Multi-step
<b>Buffer</b>	Phosphate buffered saline (PBS), pH 7.4
<b>Target Molecular Weight</b>	95 kDa

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Integrin beta 2/CD18 Antibody (MEM-48) - BSA Free (NB500-379) is a monoclonal antibody validated for use in IHC, WB, Flow and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	3689
<b>Gene Symbol</b>	ITGB2
<b>Species</b>	Human, Canine (Negative)
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	Leukocytes of a patient suffering from a LGL-type leukemia.

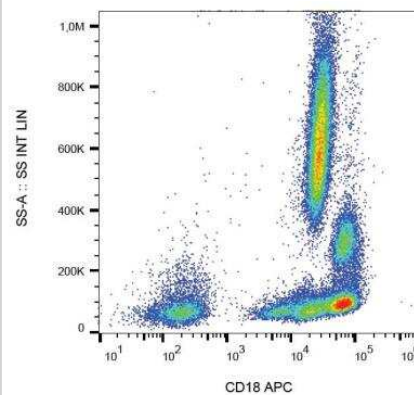
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot 2 ug/ml, Flow Cytometry 2 ug/ml, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:50, Immunohistochemistry-Paraffin 10 ug/ml, Immunohistochemistry-Frozen 1:200, CyTOF-ready
<b>Application Notes</b>	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

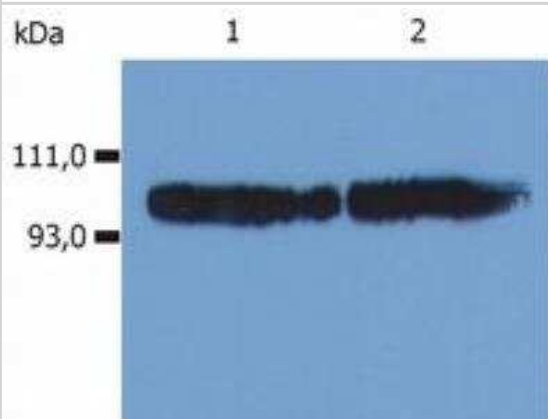
Immunohistochemistry-Paraffin: Integrin beta 2/CD18 Antibody (MEM-48) [NB500-379] - Staining of human spleen (paraffin sections) using anti-CD18 (MEM-48).



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**

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NBL1-12072	Integrin beta 2/CD18 Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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### **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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