

# Product Datasheet

## Integrin alpha L/CD11a Antibody (MEM-25) - Low Endotoxin, Azide and BSA Free NBP2-37712

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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**NBP2-37712****Integrin alpha L/CD11a Antibody (MEM-25) - Low Endotoxin, Azide and BSA Free**

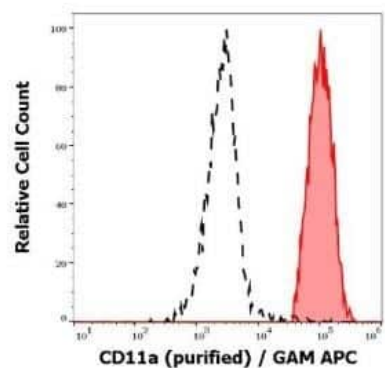
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	MEM-25
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	Phosphate buffered saline (PBS), pH 7.4
<b>Target Molecular Weight</b>	180 kDa

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Integrin alpha L/CD11a Antibody (MEM-25) - Low Endotoxin, Azide and BSA Free (NB500-328) is a monoclonal antibody validated for use in Flow and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	3683
<b>Gene Symbol</b>	ITGAL
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	The antibody MEM-25 reacts with CD11a (alpha subunit of human LFA-1), a 170 -180 kDa type I transmembrane glycoprotein expressed on B and T lymphocytes, monocytes, macrophages, neutrophils, basophils and eosinophils. HLDA IV; WS Code NL 209
<b>Immunogen</b>	Leukocytes from a patient suffering from a LGL-type leukemia (NM_001114380.1).
<b>Endotoxin Note</b>	Endotoxin level is less than 0.01 EU/ug of the protein

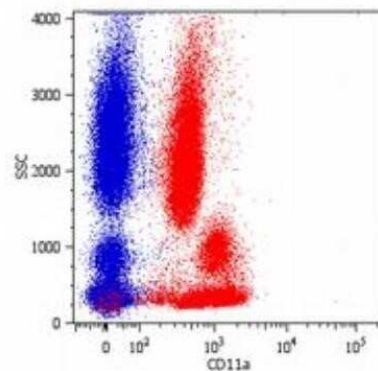
<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry, Functional, Immunoprecipitation, CyTOF-ready
<b>Recommended Dilutions</b>	Flow Cytometry 2 ug/ml, Immunoprecipitation 1:10-1:500 Blocking/Neutralizing 50 -200 molar excess, Functional, CyTOF-ready
<b>Application Notes</b>	Immunoprecipitation: excellent antibody for immunoaffinity purification of LFA-1 complex Blocking/Neutralizing: this antibody partially blocks binding of LFA-1 complex to ICAM-1

## Images

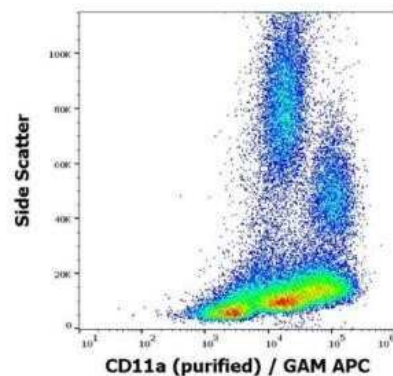
Flow Cytometry: Integrin alpha L/CD11a Antibody (MEM-25) - Low Endotoxin and Azide Free [NBP2-37712] - Separation of human monocytes (red-filled) from blood debris (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD11a (MEM-25) purified antibody (concentration in sample 1 ug/ml) GAM APC.



Flow Cytometry: Integrin alpha L/CD11a Antibody (MEM-25) - Low Endotoxin and Azide Free [NBP2-37712] - Analysis using the PE conjugate of NB500-328. Surface staining of human peripheral blood cells with anti-human CD11a (MEM-25) PE.



Flow Cytometry: Integrin alpha L/CD11a Antibody (MEM-25) - Low Endotoxin and Azide Free [NBP2-37712] - Staining pattern of human peripheral whole blood stained using anti-human CD11a (MEM-25) purified antibody (concentration in sample 1 ug/ml) GAM APC.





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### **Products Related to NBP2-37712**

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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)
210-TA-005	TNF-alpha [Unconjugated]

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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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