Product Datasheet

Integrin alpha L/CD11a Antibody (MEM-83) - Low Endotoxin, Azide and BSA Free

NBP2-37721

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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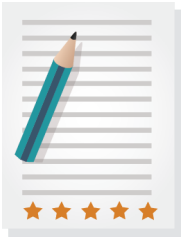

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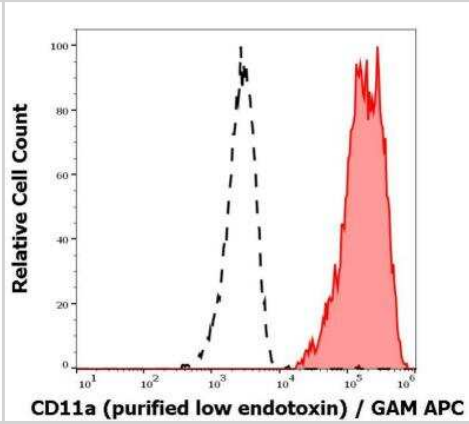
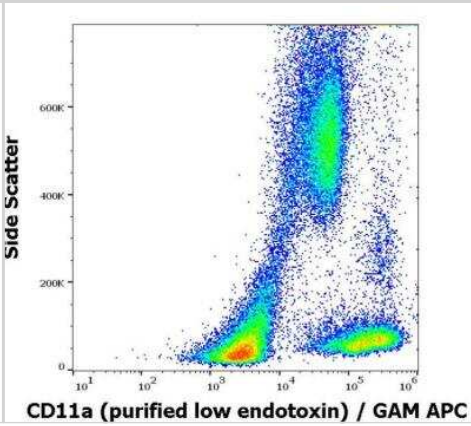
Integrin alpha L/CD11a Antibody (MEM-83) - Low Endotoxin, Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	MEM-83
Preservative	No Preservative
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.4), 0.2 um filter sterilized
Target Molecular Weight	180 kDa

Product Description	
Host	Mouse
Gene ID	3683
Gene Symbol	ITGAL
Species	Human
Specificity/Sensitivity	The antibody MEM-83 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 N 211
Immunogen	Human peripheral blood lymphocytes.
Endotoxin Note	Endotoxin level is less than 0.01 EU/ug of the protein

Product Application Details	
Applications	Flow Cytometry, Functional, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Flow Cytometry 1 ug/ml, Immunoprecipitation 1:10-1:500, Functional, CyTOF-ready
Application Notes	Functional application: This antibody MEM-83 directly induces the binding of T cells to purified ICAM-1. Using an in vitro-translated CDlla cDNA deletion series, the MEM-83 activation epitope was mapped to the "I" domain of the LFA-1 alpha subunit . The studies have therefore identified a novel LFA-1 activation epitope mapping to the I domain of LFA-1, which could play a role in the regulation of LFA-1 binding to ICAM-1.

Images

Flow Cytometry: Integrin alpha L/CD11a Antibody (MEM-83) - Low Endotoxin, Azide and BSA Free [NBP2-37721] - Separation of human CD11a positive lymphocytes (red-filled) from CD11a negative blood debris (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD11a (MEM-83) purified antibody (low endotoxin, concentration in sample 1 ug/ml) GAM APC.	
Flow Cytometry: Integrin alpha L/CD11a Antibody (MEM-83) - Low Endotoxin, Azide and BSA Free [NBP2-37721] - Surface staining pattern of human peripheral blood cells stained using anti-human CD11a (MEM-83) purified antibody (low endotoxin, concentration in sample 1 ug/ml) GAM APC.	

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210-TA-005	TNF-alpha [Unconjugated]

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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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