

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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NBP2-37721

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 | Phosphate buffered saline (PBS), pH 7.4 |
| Target Molecular Weight | 180 kDa |

| Product Description | |
|-------------------------|---|
| Description | Novus Biologicals Mouse Integrin alpha L/CD11a Antibody (MEM-83) - Low Endotoxin, Azide and BSA Free (NB500-309) is a monoclonal antibody validated for use in Flow and IP. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| 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 CD11a 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. |

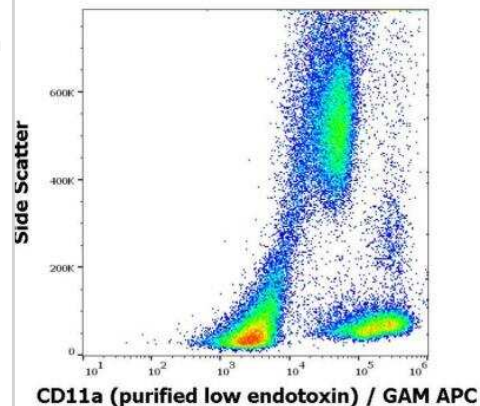


Images

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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Products Related to NBP2-37721

| | |
|------------------|--|
| 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] |

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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