

Product Datasheet

Integrin alpha L/CD11a Antibody (MEM-25) - BSA Free NB500-328

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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Publications: 10

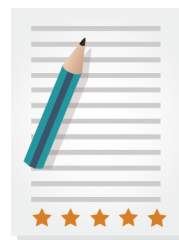
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NB500-328**Integrin alpha L/CD11a Antibody (MEM-25) - BSA Free**

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	MEM-25
Preservative	15mM Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	Phosphate buffered saline (PBS), pH 7.4
Target Molecular Weight	180 kDa

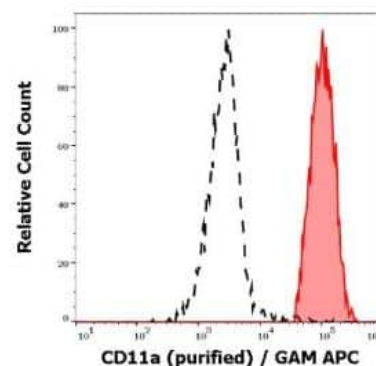
Product Description	
Description	Novus Biologicals Mouse Integrin alpha L/CD11a Antibody (MEM-25) - BSA Free (NB500-328) is a monoclonal antibody validated for use in Flow and IP. Anti-Integrin alpha L/CD11a Antibody: Cited in 9 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3683
Gene Symbol	ITGAL
Species	Human
Specificity/Sensitivity	The antibody MEM-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
Immunogen	Leukocytes from a patient suffering from a LGL-type leukemia (NM_001114380.1).

Product Application Details	
Applications	Flow Cytometry, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Flow Cytometry 2 ug/ml, Immunoprecipitation 1:50, CyTOF-ready
Application Notes	Purity is > 95% (by SDS-PAGE). Immunoprecipitation - excellent antibody for immunoaffinity purification of LFA-1 complex Functional Application - The antibody MEM-25 partially blocks binding of LFA-1 complex to ICAM-1. This antibody is CyTOF ready.

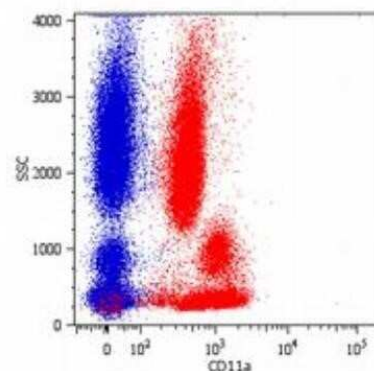


Images

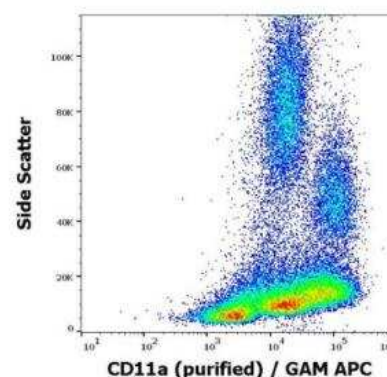
Flow Cytometry: Integrin alpha L/CD11a Antibody (MEM-25) [NB500-328] - Separation of human monocytes (red-filled) from blood debris (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD11a (MEM-25) purified antibody (concentration in sample 1 ug/ml) GAM APC.



Flow Cytometry: Integrin alpha L/CD11a Antibody (MEM-25) [NB500-328] - 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) [NB500-328] - Staining pattern of human peripheral whole blood stained using anti-human CD11a (MEM-25) purified antibody (concentration in sample 1 ug/ml) GAM APC.



Publications

Wang JH, Kwas C, Wu L. Intercellular adhesion molecule 1 (ICAM-1), but not ICAM-2 and -3, is important for dendritic cell-mediated human immunodeficiency virus type 1 transmission J Virol

Details:

This publication used the FITC conjugated form of this antibody (Cat# NB500-636).

Bazil V, Stefanova I, Hilgert I et al. Monoclonal antibodies against human leucocyte antigens IV Antibodies against subunits of the LFA-1 (CD11a/CD18) leucocyte-adhesion glycoprotein Folia Biol (Praha) 1990-01-01 [PMID: 1971601]

Details:

This citation used the FITC version of this antibody.

Aubert M, Yoon M, Sloan DD et al. The virological synapse facilitates herpes simplex virus entry into T cells J Virol 2009-06-01 [PMID: 19339346]

Details:

This citation used the FITC version of this antibody.

Wang JH, Kwas C, Wu L. Intercellular adhesion molecule 1 (ICAM-1), but not ICAM-2 and -3, is important for dendritic cell-mediated human immunodeficiency virus type 1 transmission J Virol 2009-05-01 [PMID: 19211748]

Details:

This citation used the FITC version of this antibody.

Ottonello L, Epstein AL, Mancini M et al. Monoclonal LYM-1 antibody-dependent cytolysis by human neutrophils exposed to GM-CSF: auto-regulation of target cell attack by cathepsin G J Leukoc Biol 2004-01-01 [PMID: 14525961]

Details:

This citation used the FITC version of this antibody.

Mathison RD, Befus AD, Davison JS, Woodman RC. Modulation of neutrophil function by the tripeptide feG BMC Immunol 2003-03-01 [PMID: 12659660]

Details:

This citation used the FITC version of this antibody.

Hajishengallis G, Martin M, Sojar HT et al. Dependence of bacterial protein adhesins on toll-like receptors for proinflammatory cytokine induction Clin Diagn Lab Immunol 2002-03-01 [PMID: 11874886]

Details:

This citation used the FITC version of this antibody.

Garnotel R, Rittie L, Poitevin S et al. Human blood monocytes interact with type I collagen through alpha x beta 2 integrin (CD11c-CD18, gp150-95) J Immunol 2000-06-01 [PMID: 10820275]

Details:

This citation used the FITC version of this antibody.

Simon SI, Cherapanov V, Nadra I et al. Signaling functions of L-selectin in neutrophils: alterations in the cytoskeleton and colocalization with CD18 J Immunol 1999-09-01 [PMID: 10453036]

Details:

This citation used the FITC version of this antibody.

Ottonello L, Epstein AL, Dapino P et al. Monoclonal Lym-1 antibody-dependent cytolysis by neutrophils exposed to granulocyte-macrophage colony-stimulating factor: intervention of FcgammaRII (CD32), CD11b-CD18 integrins, and CD66b glycoproteins Blood [PMID: 10233903]

Details:

Used the FITC form of this antibody.





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Products Related to NB500-328

NBL1-12068	Integrin alpha L/CD11a 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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