

Product Datasheet

IGF-II R/IGF2R Antibody (MEM-238) - BSA Free NB500-464

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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Publications: 2

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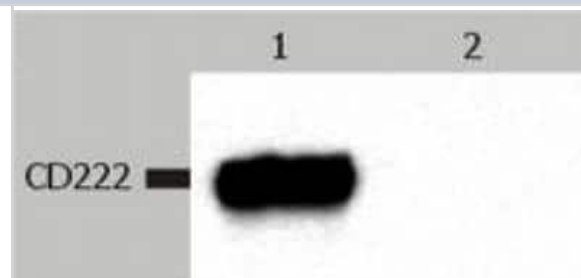


NB500-464**IGF-II R/IGF2R Antibody (MEM-238) - BSA Free**

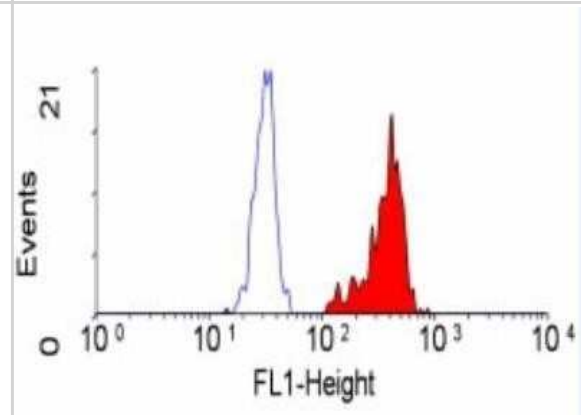
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	MEM-238
Preservative	15mM Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	Phosphate buffered saline (PBS), pH 7.4
Target Molecular Weight	250 kDa
Product Description	
Description	Novus Biologicals Mouse IGF-II R/IGF2R Antibody (MEM-238) - BSA Free (NB500-464) is a monoclonal antibody validated for use in WB, Flow and IP. Anti-IGF-II R/IGF2R Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3482
Gene Symbol	IGF2R
Species	Human, Primate
Marker	Late Endosome Marker
Specificity/Sensitivity	The antibody MEM-238 recognizes an epitope between domains 2 and 5 of CD222 (IGF2 receptor), a ubiquitously expressed 250 kDa multifunctional type I transmembrane protein. The majority of CD222 is found in the late endosomal/prelysosomal compartment, 5-10% in the plasma membrane and the truncated (220 kDa) form of CD222 is present in human and bovine serum.
Immunogen	Recombinant Vaccinia virus encoding CD222.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 2-6 ug/ml, Immunoprecipitation 1:10-1:500, CyTOF-ready
Application Notes	Western Blot - Non-reducing conditions. This antibody is CyTOF ready.

Images

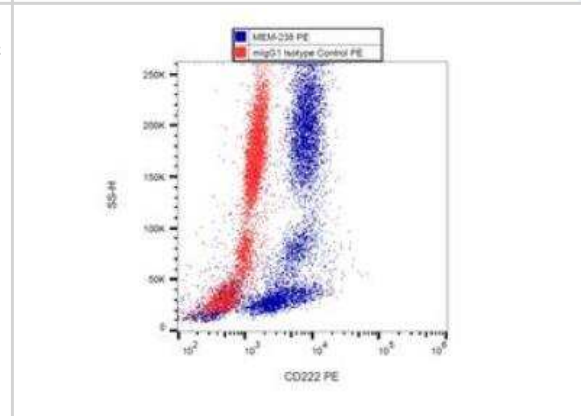
Western Blot: IGF-II R/Mannose 6 Phosphate Receptor (Cation independent) Antibody (MEM-238) [NB500-464] - Fig. 1. Western Blotting analysis (non-reducing conditions) of CD222 in whole cell lysate of JURKAT human peripheral blood T cell leukemia cell line. Lane 1: immunostaining with anti-CD222 (MEM-238) Lane 2: immunostaining with Isotype mouse IgG1 control (PPV-06).



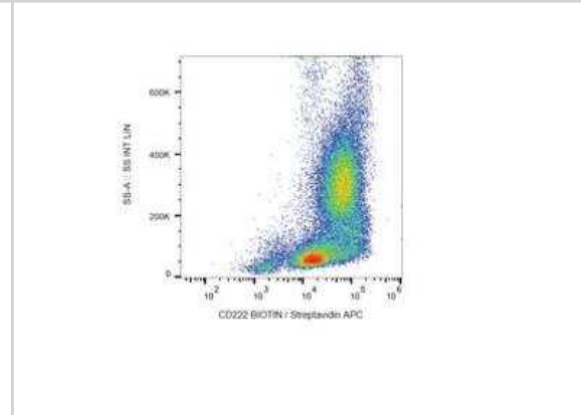
Flow Cytometry: IGF-II R/Mannose 6 Phosphate Receptor (Cation independent) Antibody (MEM-238) [NB500-464] - Flow Cytometry: IGF-II R/Mannose 6 Phosphate Receptor (Cation independent) Antibody (MEM-238) [FITC] [NB100-63599] - Mannose 6 Phosphate Receptor (Cation independent) Antibody (MEM-238)[NB100-63599]- Staining human peripheral blood monocytes following permeabilisation with Leucoperm (Fix & Perm) (BUF09). Image using the FITC form of this antibody.



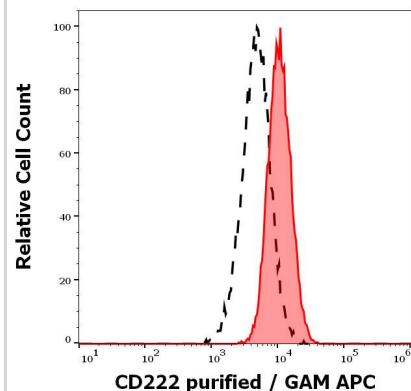
Flow Cytometry: IGF-II R/Mannose 6 Phosphate Receptor (Cation independent) Antibody (MEM-238) [NB500-464] - Intracellular staining of human peripheral blood with anti-CD222 (MEM-238) PE.



Flow Cytometry: IGF-II R/Mannose 6 Phosphate Receptor (Cation independent) Antibody (MEM-238) [NB500-464] - Surface staining of human peripheral blood with anti-CD222 (MEM-238) biotin, streptavidin-APC



Surface staining pattern of human peripheral whole blood stained using anti-human CD222 (MEM-238) purified antibody (concentration in sample 2 ug/ml) GAM APC.



Publications

Leksa V, Godar S, Cebecauer M et al. The N terminus of mannose 6-phosphate/insulin-like growth factor 2 receptor in regulation of fibrinolysis and cell migration J Biol Chem 2002-10-25 [PMID: 12189157]

Details:

This citation used the FITC version of this antibody.

El-Shewy, H M, M-H Lee et al. The Insulin-like Growth Factor Type 1 Insulin-like Growth Factor Type 2/Mannose-6-phosphate Receptors Independently Regulate ERK1/2 Activity in HEK293 Cells. 282: 26150-26157. 2007-01-01 [PMID: 17620336]



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Products Related to NB500-464

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)

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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