

Product Datasheet

CD11b Antibody (OX-42) - BSA Free NB100-65284

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-65284

CD11b Antibody (OX-42) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OX-42
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	127.9 kDa

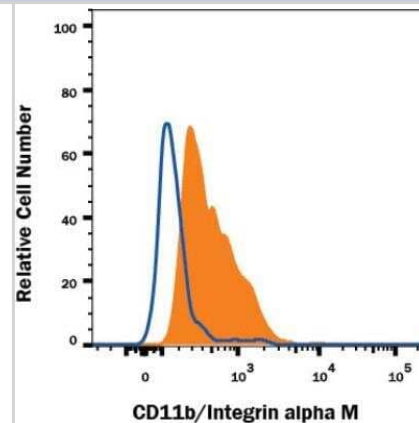
Product Description	
Description	Novus Biologicals Mouse CD11b Antibody (OX-42) - BSA Free (NB100-65284) is a monoclonal antibody validated for use in IHC, Flow and IP. Anti-CD11b Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3684
Gene Symbol	ITGAM
Species	Rat
Marker	Microglia Marker, Macrophage Marker
Specificity/Sensitivity	NB100-65284 recognizes the rat equivalent of human CD11b, the receptor for the iC3b component of complement. The antigen is expressed on most macrophages, including resident and activated peritoneal macrophages and Kupffer cells and around 35% of alveolar macrophages. This CD11b antibody also labels dendritic cells, granulocytes and microglial cells in the brain. Clone MRC OX-42 has been reported as being suitable for use on paraffin-embedded material following PLP fixation (periodate-lysine-paraformaldehyde). Functionally, clone OX-42 inhibits complement mediated rosettes.
Immunogen	Mouse Monoclonal CD11b Antibody (OX-42) was made from rat peritoneal macrophages.

Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Frozen 1:50 - 1:100

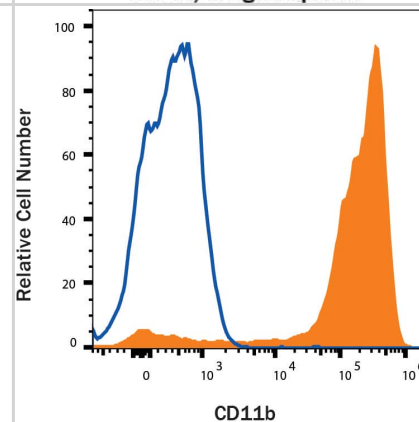


Images

Flow Cytometry: CD11b Antibody (OX-42) [NB100-65284] - Detection of CD11b in Rat Splenocytes by Flow Cytometry. Rat splenocytes were stained with Mouse Anti-Rat CD11b Monoclonal Antibody (OX-42) [NB100-65284, filled histogram] or Mouse IgG2A Isotype Control Antibody [MAB003, open histogram] followed by anti-Mouse IgG PE-conjugated secondary antibody [F0102B] and Mouse Anti-Rat CD161 Alexa Fluor 647-conjugated Monoclonal Antibody [FAB9766R]. Splenocytes were gated on CD161+ cells.



Flow Cytometry: CD11b Antibody (OX-42) [NB100-65284] - Detection of CD11b in Rat Bone Marrow cells by Flow Cytometry. Rat cells were stained with Mouse Anti-Rat CD11b Monoclonal Antibody (OX-42) [NB100-65284, filled histogram] or Mouse IgG2A Isotype Control Antibody [MAB003, open histogram] followed by anti-Mouse IgG APC-conjugated secondary antibody [F0101B].



Publications

Bishnoi, M, Bosgraaf, C A Et al. Streptozotocin-induced early thermal hyperalgesia is independent of glycemic state of rats: role of transient receptor potential vanilloid 1 (TRPV1) and inflammatory mediators. *Mol Pain* 2011-07-27 [PMID: 21794120] (IF/IHC, Bovine)



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Products Related to NB100-65284

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NB110-89474PEP	CD11b Antibody Blocking Peptide

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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