

Product Datasheet

CD11b Antibody (OX-42) [Alexa Fluor™ Plus 647] NB100-65284AFP647

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB100-65284AFP647

CD11b Antibody (OX-42) [Alexa Fluor™ Plus 647]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	OX-42
Preservative	0.05% Sodium Azide
Isotype	IgG2a
Conjugate	Alexa Fluor Plus 647
Purity	Protein G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	3684
Gene Symbol	ITGAM
Species	Rat
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.
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Product Application Details

Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Frozen
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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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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