

# Product Datasheet

## CD11b Antibody (OX-42) [Alexa Fluor® 405] NB100-65284AF405

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-65284AF405**

CD11b Antibody (OX-42) [Alexa Fluor® 405]

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 405
Purity	Protein G purified
Buffer	50mM Sodium Borate
Target Molecular Weight	127.9 kDa
Product Description	
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.
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**Product Application Details**

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

## Images

Product Image: CD11b Antibody (OX-42) [Alexa Fluor® 405] [NB100-65284AF405] - Vial of Alexa Fluor 405 conjugated antibody. Alexa Fluor 405 is optimally excited at 400 nm by the Violet laser (405 nm) and has an emission maximum of 420 nm.





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### **Products Related to NB100-65284AF405**

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IC003V	Mouse IgG2a Isotype Control (20102) [Alexa Fluor® 405]
NB110-89474PEP	CD11b Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]
H00003684-Q01-10ug	Recombinant Human CD11b GST (N-Term) Protein

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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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