

# Product Datasheet

## CD11b Antibody (OX-42) [FITC] NB100-65284F

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-65284F**

CD11b Antibody (OX-42) [FITC]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OX-42
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Conjugate</b>	FITC
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	127.9 kDa
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	3684
<b>Gene Symbol</b>	ITGAM
<b>Species</b>	Rat
<b>Marker</b>	Microglia Marker, Macrophage Marker
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	Mouse Monoclonal CD11b Antibody (OX-42) was made from rat peritoneal macrophages.
<b>Product Application Details</b>	
<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

CD11b Antibody (OX-42) [FITC] [NB100-65284F] - Vial of FITC conjugated antibody. FITC is optimally excited at 498 nm by the Blue laser (488 nm) and has an emission maximum of 519 nm.



FITC

LASER (nm)	FILTER
Blue (488)	525/50

EXCITATION MAX (nm)	EMISSION MAX (nm)
498	519



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

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NBP1-96848	Mouse IgG2a Isotype Control (M2A) [FITC]
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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