

# Product Datasheet

## CD11b Antibody (OX-42) [PE/Cy5.5] NB100-65284PECY55

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NB100-65284PECY55**

CD11b Antibody (OX-42) [PE/Cy5.5]

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. Do not freeze.
Clonality	Monoclonal
Clone	OX-42
Preservative	0.05% Sodium Azide
Isotype	IgG2a
Conjugate	PE/Cy5.5
Purity	Protein G purified
Buffer	PBS
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.
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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### **Products Related to NB100-65284PECY55**

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NB110-89474PEP	CD11b Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]
H00003684-Q01-10ug	Recombinant Human CD11b GST (N-Term) Protein
M6000B-1	IL-6 [HRP]

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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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