

# Product Datasheet

## CD11c Antibody (ITGAX/1243) [Alexa Fluor® 488] NBP2-54432AF488

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP2-54432AF488**

CD11c Antibody (ITGAX/1243) [Alexa Fluor® 488]

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	ITGAX/1243
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Conjugate	Alexa Fluor 488
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	3687
Gene Symbol	ITGAX
Species	Human
Marker	Dendritic Cell Marker
Specificity/Sensitivity	Recognizes a protein of 145kDa, identified as CD11c. CD11c (ITGAX), a member of the leukointegrin family, shares the same beta subunit with other members of the leukocyte adhesion molecule family, which includes CD11a (LFA-1), CD11b (MAC-1) and CD11d (ITGAD), but has a unique alpha chain. CD11c has been shown to play a role in phagocytosis, cell migration, and cytokine production by monocytes/macrophages as well as induction of T-cell proliferation by Langerhans cells. CD11c is expressed prominently on the plasma membranes of monocytes, tissue macrophages, NK cells, and most dendritic cells (DCs). A lower level of expression is also observed on neutrophils as a result of its high level of expression on most DCs. An antibody to CD11c may aid in identification of lesions with histiocytic origin. It may also been used as a marker for hairy cell leukemia in paraffin-embedded tissues.
Immunogen	Recombinant fragment (aa 637-827) of human CD11c protein (exact sequence is proprietary) (Uniprot: P20702)



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<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array
<b>Recommended Dilutions</b>	ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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**Products Related to NBP2-54432AF488**

NBP1-43317AF488	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [Alexa Fluor® 488]
H00003687-Q01-10ug	Recombinant Human CD11c GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP1-91210PEP	CD11c Recombinant Protein Antigen

**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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