

Product Datasheet

CD11c Antibody (ITGAX/1242) [Alexa Fluor® 488] NBP2-54431AF488

Unit Size: 100 ul

Store at 4C in the dark.

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Updated 10/26/2023 v.20.1

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NBP2-54431AF488

CD11c Antibody (ITGAX/1242) [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/1242 |
| 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 human CD11c protein fragment (aa 637-827) (exact sequence is proprietary) (Uniprot: P20702) |



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| Product Application Details | |
|------------------------------------|--|
| Applications | Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array |
| Recommended Dilutions | Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |





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Products Related to NBP2-54431AF488

| | |
|--------------------|---|
| 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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