

Product Datasheet

CD11b Antibody (OX-42) [Alexa Fluor® 594] NB100-65284AF594

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB100-65284AF594

CD11b Antibody (OX-42) [Alexa Fluor® 594]

| 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 594 |
| 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. |
| Notes | Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. |

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. |

Images

Product Image: CD11b Antibody (OX-42) [Alexa Fluor® 594] [NB100-65284AF594] - Vial of Alexa Fluor 594 conjugated antibody. Alexa Fluor 594 is optimally excited at 590 nm by the Yellow-Green laser (561 nm) and has an emission maximum of 617 nm.



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Products Related to NB100-65284AF594

| | |
|--------------------|--|
| IC003T | Mouse IgG2a Isotype Control (20102) [Alexa Fluor® 594] |
| NB110-89474PEP | CD11b Antibody Blocking Peptide |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| H00003684-Q01-10ug | Recombinant Human CD11b GST (N-Term) Protein |

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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