

Product Datasheet

CD11b Antibody [Alexa Fluor® 647] NB110-89474AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB110-89474AF647

CD11b Antibody [Alexa Fluor® 647]

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	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Alexa Fluor 647
Purity	Immunogen affinity purified
Buffer	50mM Sodium Borate
Target Molecular Weight	127.2 kDa

Product Description	
Host	Rabbit
Gene ID	3684
Gene Symbol	ITGAM
Species	Human, Mouse, Rat, Bovine, C. elegans, Chinese Hamster, Monkey, Rhesus Macaque
Reactivity Notes	Use in Mouse reported in scientific literature (PMID:35398596). Monkey reactivity reported in scientific literature (PMID: 26443820). Rhesus Macaque reactivity reported in scientific literature (PMID: 29760177). Use in C. elegans reported in scientific literature (PMID:32058942).
Marker	Microglia Marker, Myeloid Marker
Immunogen	Rabbit Polyclonal CD11b Antibody was made to a synthetic peptide within residues 250-350 of the mouse CD11b protein. [Swiss-Prot# P05555]
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.

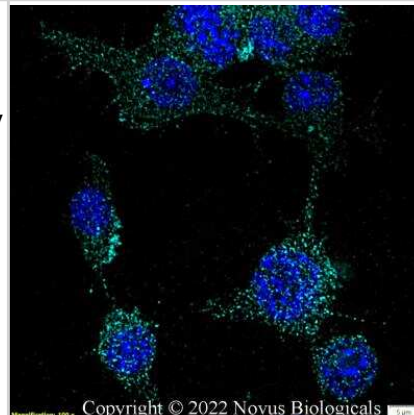
Product Application Details	
Applications	Western Blot, Simple Western, Flow Cytometry, Flow (Cell Surface), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, In-situ Hybridization, Dual RNAscope ISH-IHC, Single Cell Western



Recommended Dilutions	Western Blot, Simple Western, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, In-situ Hybridization, Flow (Cell Surface), Single Cell Western, Dual RNAscope ISH-IHC
Application Notes	Optimal dilution of this antibody should be experimentally determined.

Images

Immunocytochemistry/Immunofluorescence: CD11b Antibody [Alexa Fluor® 647] [NB110-89474AF647] - Raw264.7 cells were fixed in 4% paraformaldehyde for 10 minutes and permeabilized in 0.05% Triton X-100 in PBS for 5 minutes. The cells were incubated with CD11b Antibody conjugated to Alexa Fluor 647 (NB110-89474AF647) at 5 ug/ml for 1 hour at room temperature. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 100X objective and digitally deconvolved.



Product Image: CD11b Antibody [Alexa Fluor® 647] [NB110-89474AF647] - Vial of Alexa Fluor 647 conjugated antibody. Alexa Fluor 647 is optimally excited at 653 nm by the Red laser (633 or 640 nm) and has an emission maximum of 669 nm.





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Products Related to NB110-89474AF647

NBP2-24891AF647	Rabbit IgG Isotype Control [Alexa Fluor® 647]
NB110-89474AF700	CD11b Antibody [Alexa Fluor® 700]
NB110-89474PEP	CD11b Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]

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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