

Product Datasheet

CD11b Antibody [Alexa Fluor® 488] NB110-89474AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

www.novusbio.com



technical@novusbio.com

Reviews: 1 Publications: 3

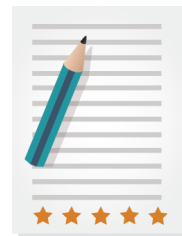
Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB110-89474AF488

Updated 10/23/2024 v.20.1

**Earn rewards for product
reviews and publications.**

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NB110-89474AF488



NB110-89474AF488

CD11b Antibody [Alexa Fluor® 488]

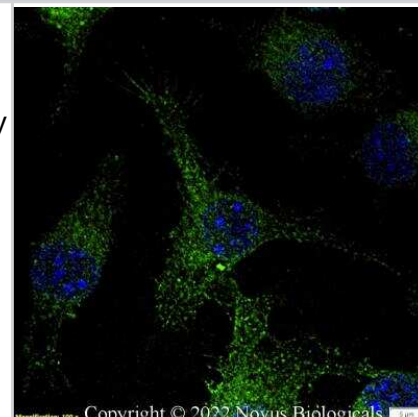
Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Alexa Fluor 488
Purity	Immunogen affinity purified
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® 488] [NB110-89474AF488] - 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 488 (NB110-89474AF488) 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® 488] [NB110-89474AF488] - Vial of Alexa Fluor 488 conjugated antibody. Alexa Fluor 488 is optimally excited at 490 nm by the Blue laser (488 nm) and has an emission maximum of 525 nm.



Publications

H Anderton, E Bandala-Sa, DS Simpson, JA Rickard, AP Ng, L Di Rago, C Hall, JE Vince, J Silke, G Lippardi, R Feltham RIPK1 prevents TRADD-driven, but TNFR1 independent, apoptosis during development Cell Death Differ., 2018-09-05;0(0):. 2018-09-05 [PMID: 30185824]

Anderton H, Rickard J A et al Inhibitor of Apoptosis Proteins (IAPs) Limit RIPK1-Mediated Skin Inflammation J Invest Dermatol 2017-06-26 [PMID: 28647349] (IF/IHC, IF/IHC, Mouse)

Details:

Citation using the Alexa Fluor 488 version of this antibody.

Ulasov I, Borovjagin AV, Kaverina N et al. MT1-MMP silencing by an shRNA-armed glioma-targeted conditionally replicative adenovirus CRAd) improves its anti-glioma efficacy in vitro and in vivo. Cancer Lett 2015-06-04 [PMID: 26052095]

Details:

Using the Alexa Fluor (R) 488 conjugated version of NB110-89474, catalog number NB110-89474AF488.



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB110-89474AF488

NBP2-24982	Rabbit IgG Isotype Control [Alexa Fluor® 488]
NB110-89474AF647	CD11b Antibody [Alexa Fluor® 647]
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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NB110-89474AF488

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

