

# Product Datasheet

## CD11b Antibody (M1/70.15) [Alexa Fluor® 488] NB600-1327AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB600-1327AF488**

CD11b Antibody (M1/70.15) [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	Monoclonal
Clone	M1/70.15
Preservative	0.05% Sodium Azide
Isotype	IgG2b Lambda
Conjugate	Alexa Fluor 488
Purity	Protein G purified
Buffer	50mM Sodium Borate
Target Molecular Weight	127.2 kDa

Product Description	
Host	Rat
Gene ID	3684
Gene Symbol	ITGAM
Species	Human, Mouse, Rabbit
Reactivity Notes	Mouse reactivity reported in a verified customer review. Rabbit reactivity reported in scientific literature (PMID: 28700779). Human reactivity reported in scientific literature (PMID: 28683563).
Marker	Microglia Marker, Myeloid Marker
Immunogen	Rat Monoclonal CD11b Antibody (M1/70.15) was made to T cell enriched splenocytes from B10 mice.
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 <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a> . 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.

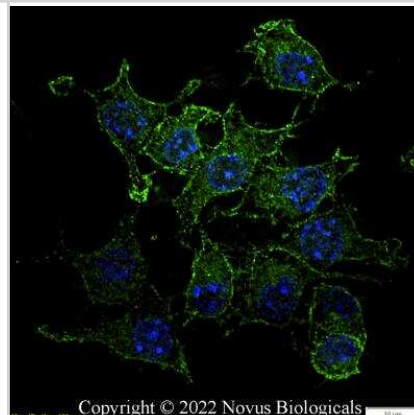
Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, CyTOF-ready



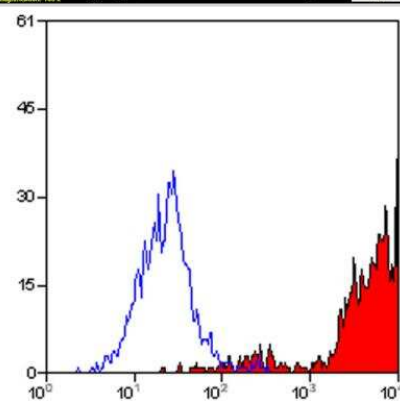
<b>Recommended Dilutions</b>	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, CyTOF-ready
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.

## Images

Immunocytochemistry/Immunofluorescence: CD11b Antibody (M1/70.15) [Alexa Fluor® 488] [NB600-1327AF488] - 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 [M1/70.15] conjugated to Alexa Fluor 488 (NB600-1327AF488) 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.



Flow Cytometry: Integrin alpha M/CD11b Antibody (M1/70.15) [Alexa Fluor (R) 488] [NB600-1327AF488] - Flow analysis of mouse peritoneal macrophages using Alexa Fluor 488 conjugated CD11b antibody (clone M1/70.15).





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### **Products Related to NB600-1327AF488**

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NB110-89474PEP	CD11b Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]
H00003684-Q01-10ug	Recombinant Human CD11b GST (N-Term) Protein
M6000B-1	IL-6 [HRP]

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### **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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