

# Product Datasheet

## CD11b Antibody (M1/70.15) - Azide and BSA Free NBP2-80626

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-80626**

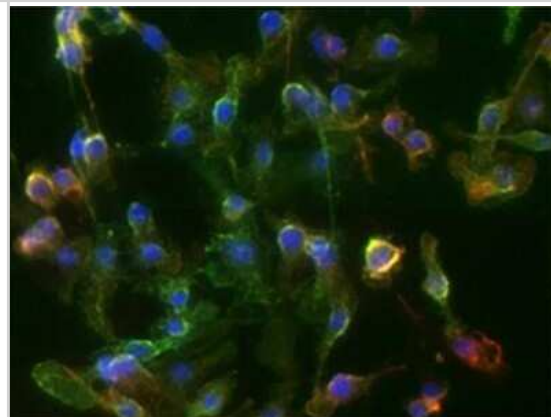
CD11b Antibody (M1/70.15) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	M1/70.15
Preservative	No Preservative
Isotype	IgG2b Lambda
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	127.2 kDa
Product Description	
Description	Novus Biologicals Rat CD11b Antibody (M1/70.15) - Azide and BSA Free (NB600-1327) is a monoclonal antibody validated for use in IHC, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
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).
Immunogen	Rat Monoclonal CD11b Antibody (M1/70.15) was made to T cell enriched splenocytes from B10 mice.
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Flow Cytometry 1:50. Use reported in scientific literature (PMID 28683563), Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500. Use reported by customer review, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500. Use reported in scientific literature (PMID 28700779), Immunohistochemistry-Frozen 1:10-1:500. Use reported in scientific literature, CyTOF-ready
Application Notes	IHC-P: Perform enzymatic antigen retrieval before commencing with IHC staining protocol. NB600-1327 has been reported to as being suitable for use on PLP fixed paraffin embedded tissue but has not been tested for use on formalin fixed tissue. This antibody is CyTOF ready.

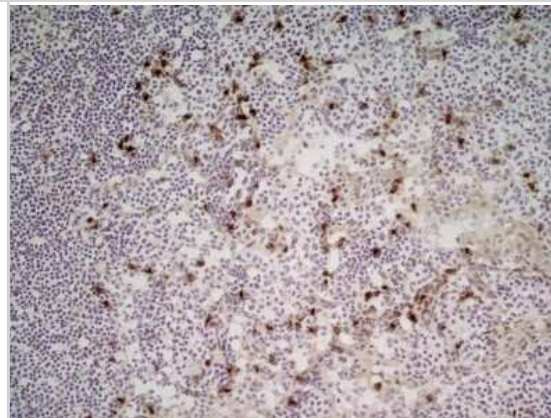


## Images

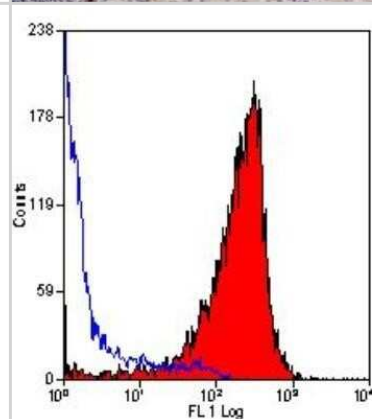
Immunocytochemistry/Immunofluorescence: CD11b Antibody (M1/70.15) - Azide and BSA Free [NBP2-80626] - Immunocytochemistry/Immunofluorescence (ICC/IF) analysis of RAW264.7 cells using CD11b antibody (M1/70.15) [NB600-1327] with Dylight 488 conjugated secondary (green). Nuclei and tubulin were stained with 4',6-diamidino-2-phenylindole (DAPI) (blue) and Dylight 550 (red). Image from the standard format of this antibody.



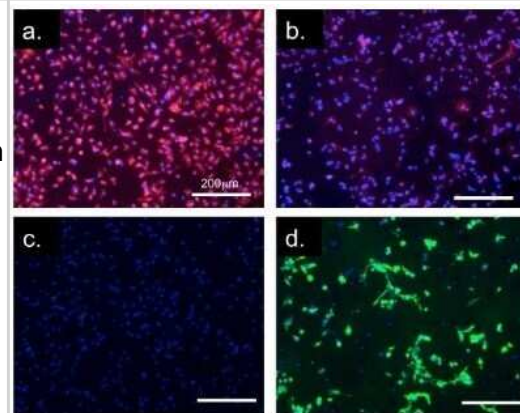
Immunohistochemistry: CD11b Antibody (M1/70.15) - Azide and BSA Free [NBP2-80626] - Immunohistochemical analysis of frozen lymph node section using CD11b Antibody (M1/70.15) [NB600-1327] followed by staining with HRP-conjugated secondary antibody. Image from the standard format of this antibody.



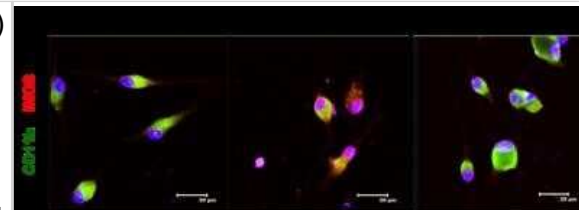
Flow Cytometry: CD11b Antibody (M1/70.15) - Azide and BSA Free [NBP2-80626] - Staining of mouse peritoneal macrophages with Rat anti Mouse CD11b Antibody (M1/70.15) [NB600-1327]. Image from the standard format of this antibody.



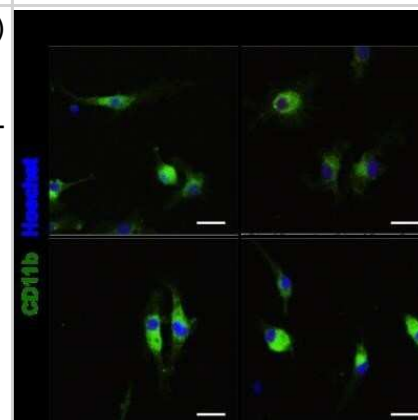
Immunocytochemistry/Immunofluorescence: CD11b Antibody (M1/70.15) - Azide and BSA Free [NBP2-80626] - Characterization of microglia cultures by multiple staining with CD11b Antibody (M1/70.15) [NB600-1327] (panels a. & c.) and anti GFAP (panels b & d). Nuclei appear blue due to 4',6-diamidino-2-phenylindole (DAPI) counter staining. Image from the standard format of this antibody.



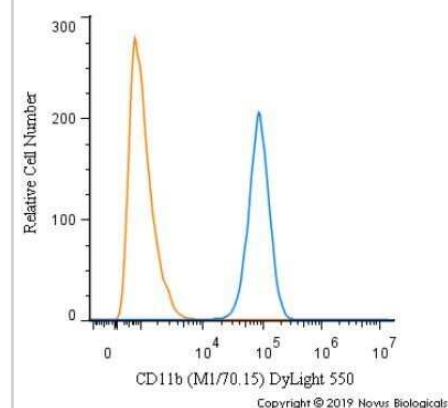
Immunocytochemistry/Immunofluorescence: CD11b Antibody (M1/70.15) - Azide and BSA Free [NBP2-80626] - Immunocytochemical/Immunofluorescent analysis in mouse primary microglia. Cells were treated with lysophosphatidic acid (LPA) or LPA and an LPAR5 inhibitor in order to investigate the expression of iNOS after 24 hours. CD11b Antibody (M1/70.15) [NB600-1327] was used in a dilution 1:100 in order to stain primary murine microglia. Cy2 (green) and Cy3 (red) were used as secondary antibodies. Image from the standard format of this antibody.



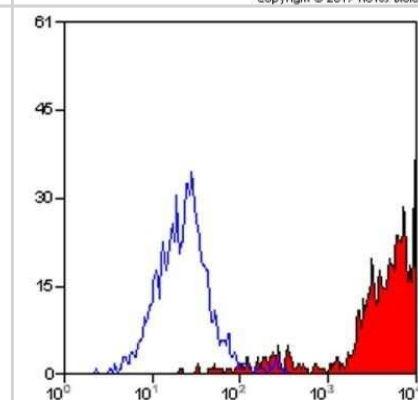
Immunocytochemistry/Immunofluorescence: CD11b Antibody (M1/70.15) - Azide and BSA Free [NBP2-80626] - Immunocytochemical/Immunofluorescent staining in untreated and treated mouse microglia cells using CD11b Antibody (M1/70.15) [NB600-1327]. Image from a verified customer review. Image from the standard format of this antibody.



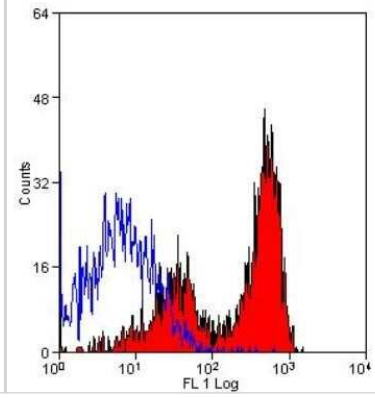
Flow Cytometry: CD11b Antibody (M1/70.15) - Azide and BSA Free [NBP2-80626] - A surface stain was performed on Raw264.7 cells with CD11b (M1/70.15) Antibody [NB600-1327R] (blue) and a matched isotype control (orange), both conjugated to DyLight 550. Cells were incubated in an antibody dilution of 5 ug/mL for 20 minutes at room temperature. Image from the standard format of this antibody.



Flow Cytometry: CD11b Antibody (M1/70.15) - Azide and BSA Free [NBP2-80626] - Staining of mouse peritoneal macrophages using the Alexa Fluor (R) 488 conjugate of CD11b Antibody (M1/70.15) [NB600-1327AF488].



Flow Cytometry: CD11b Antibody (M1/70.15) - Azide and BSA Free [NBP2-80626] - Staining of mouse peritoneal macrophages with Rat anti Mouse CD11b Antibody (M1/70.15) [NB600-1327]: RPE - Alexa Fluor 750 Image from the standard format of this antibody.





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### **Products Related to NBP2-80626**

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HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
F0105B	Goat anti-Rat IgG Secondary Antibody [Phycoerythrin]
NB110-89474PEP	CD11b Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]

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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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