

Product Datasheet

CD11b Antibody (M1/70.15) [DyLight 550] NB600-1327R

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB600-1327R

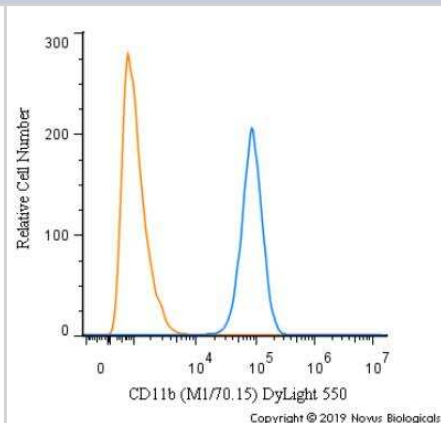
CD11b Antibody (M1/70.15) [DyLight 550]

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	DyLight 550
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	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.
Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.

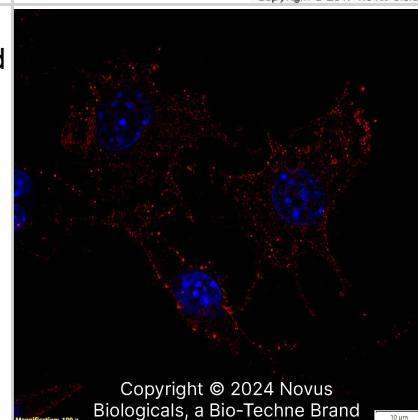


Images

Flow Cytometry: CD11b Antibody (M1/70.15) [DyLight 550] [NB600-1327R] - A surface stain was performed on Raw264.7 cells with CD11b (M1/70.15) Antibody NB600-1327R (blue) and a matched isotype control (orange). Cells were incubated in an antibody dilution of 5 ug/mL for 20 minutes at room temperature. Both antibodies were conjugated to DyLight 550.



CD11b (M1/70.15) was detected in immersion fixed Raw 264.7 mouse macrophage cell line using Rat anti-CD11b (M1/70.15) Protein-G purified Monoclonal Antibody conjugated to DyLight 550 (Catalog # NB600-1327R) (red) at 10 µg/mL overnight at 4C. Cells were counterstained with DAPI (blue). Cells were imaged using a 100X objective and digitally deconvolved.



Publications

Amos PJ, Fung S, Case A et al. Modulation of Hematopoietic Lineage Specification Impacts TREM2 Expression in Microglia-Like Cells Derived From Human Stem Cells ASN Neuro 2017-07-07 [PMID: 28683563]



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Products Related to NB600-1327R

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]

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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