

Rat CD11b Monoclonal Antibody | anti-CD11b antibody

CD11b antibody (Allophycocyanin)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA74370	Rat	Not determined	Immunohistochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD11b; Monoclonal Antibody; CD11b antibody (Allophycocyanin); Monoclonal CD11b; Anti-CD11b; CD-11b; Ma-1c; Rat Macrophages+Microglial cells; MAC1; CD11B Ma-1c; MA-1c; CD 11b; Mac1a; anti-CD11b antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Not determined
Clonality	Monoclonal
Isotype	IgG2b Kappa
Clone Number	M1/70
Specificity	Murine CD11b
Form/Format	Liquid in PBS (pH 7.4) containing 0.1% sodium azide as preservative.
Concentration	0.1 mg/ml (varies by lot)
Sequence Length	920
Applicable Applications for anti-CD11b antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Biological Significance	Integrin alpha M (ITGAM) is one protein subunit that forms the heterodimeric integrin alpha-M beta-2 (alphaMBeta2) molecule, also known as macrophage-1 antigen (Mac-1) or complement receptor 3 (CR3). ITGAM is also known as CR3A, and cluster of differentiation molecule 11B (CD11B). The second chain of alphaMBeta2 is the common integrin Beta2 subunit known as CD18, and integrin alphaMBeta2 thus belongs to the Beta2 subfamily (or leukocyte) integrins.
Biohazard Information	This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.
Tag/Conjugate	Allophycocyanin
Immunogen	CD11b antibody (Allophycocyanin) was raised in rat using C57BL/10 murine splenic T cells and concanavalin A-activated C57BL/10 splenocytes as the immunogen.
Preparation and Storage	Store at 4 degree C. Do not freeze!

ADDITIONAL INFORMATION

Related Product Information for anti-CD11b antibody	Rat monoclonal CD11b antibody (Allophycocyanin)
Product Categories/Family for anti-CD11b antibody	Immunology ; Conjugated Monoclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	1616950
NCBI GeneID	397459
Molecular Weight	102,441 Da
NCBI Official Full Name	CD11b, partial
NCBI Official Symbol	ITGAM
NCBI Official Synonym Symbols	CD11B
NCBI Protein Information	integrin alpha-M
UniProt Protein Name	CD11b
UniProt Gene Name	CD11b
UniProt Entry Name	Q28984_PIG

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/cd11b-antibody-clone-m1-70-immunohistochemistry-flow-cytometry-elisa/74370>