Mouse CD11b Monoclonal Antibody | anti-CD11b antibody

MOUSE ANTI RAT CD11b

CATALOG #	HOST	APPLICATIONS
AAA49427	**Mouse**	**Functional Assay, Flow Cytometry, Functional Assay, Immunohistochemistry**

PRODUCT SYNONYMS

CD11b; Monoclonal Antibody; MOUSE ANTI RAT CD11b; anti-CD11b antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	ED7
Specificity	This item recognises a membrane antigen on rat macrophages, monocytes, dendritic cells and granulocytes. Like ED8, ED7 recognises small ramified microglia in the central nervous system. No other cell types are positive for ED7, except for the cilia of the bronchus epithelium. The recognised antigen is a heterodimer (160 and 95kD) belonging to the family of adhesion molecules (CD11b/CD18). ED7 and ED8 may recognise closely related epitopes on the same molecule. ED7 and ED8 have been shown to induce homotypic aggregation of granulocytes.
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 0.5 mg/ml (varies by lot)
Sequence Length	920
Applicable Applications for anti-CD11b antibody	FA (Functional Assay), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Perservative Stabilisers	0.09% Sodium Azide Preparation
Immunogen	Rat spleen cell homogenate Fusion Partners
Target Species	Rat
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES

Application Data
Immunoperoxidase staining of rat lymph node cryosection with Mouse anti Rat CD11b antibody, clone ED7 followed by horseradish peroxidsase conjugated Goat anti Mouse IgG1 as a detection reagent. High power

Application Data
Immunoperoxidase staining of rat lymph node cryosection with Mouse anti Rat CD11b antibody, clone ED7 followed by horseradish peroxidsase conjugated Goat anti Mouse IgG1 as a detection reagent. Medium power

Application Data
Immunoperoxidase staining of rat lymph node cryosection with Mouse anti Rat CD11b antibody, clone ED7 followed by horseradish peroxidsase conjugated Goat anti Mouse IgG1 as a detection reagent. Low power

ADDITIONAL INFORMATION

Related Product Information for anti-CD11b antibody	MBS213105 recognises a membrane antigen on rat macrophages, monocytes, dendritic cells and granulocytes. Like ED8, ED7 recognises small ramified microglia in the central nervous system. No other cell types are positive for ED7, except for the cilia of the bronchus epithelium. The recognised antigen is a heterodimer (160 and 95kD) belonging to the family of adhesion molecules (CD11b/CD18). ED7 and ED8 may recognise closely related epitopes on the same molecule. ED7 and ED8 have been shown to induce homotypic aggregation of granulocytes.

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://stage.aaabiotech.com/monoclonal/cd11b-antibody-clone-ed7-functional-assay-flow-cytometry-immunohistochemistry-elisa/49427