

Rat CD11b Monoclonal Antibody | anti-CD11b antibody

RAT ANTI MOUSE CD11b:RPE

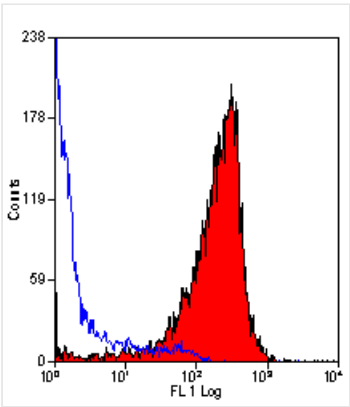
CATALOG # AAA12057	HOST Rat	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

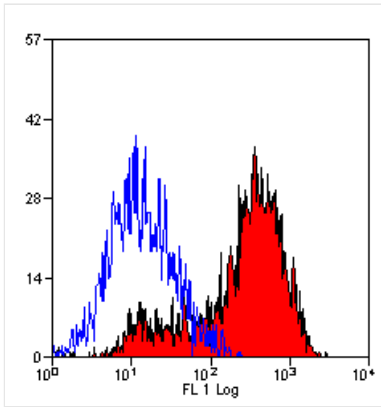
CD11b; Monoclonal Antibody; RAT ANTI MOUSE CD11b:RPE; anti-CD11b antibody

PRODUCT SPECIFICATIONS

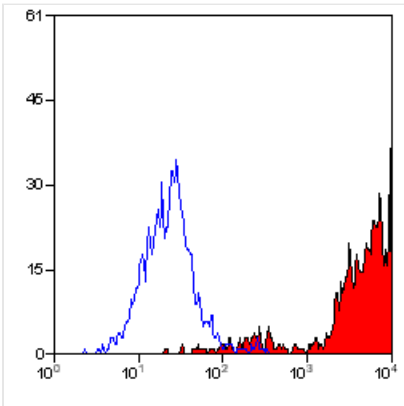
Host	Rat
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	M1/70.15
Form/Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Sequence Length	1153
Applicable Applications for anti-CD11b antibody	FCM/FACS (Flow Cytometry)
Application Notes	Flow Cytometry: Use 10ul of the suggested working dilution to label 106 cells in 100ul. The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity Fc receptors. This may be reduced by using SeroBlock FcR. Flow Cytometry: Minimum Dilution: Neat; Maximum Dilution: 1/10
Reconstitution	Reconstitute with 1 ml distilled water Perservative Stabilisers
Immunogen	T cells enriched splenocytes from B10 mice. Fusion Partners
Target Species	Mouse
Preparation and Storage	Prior to reconstitution store at 4 degree C. Following reconstitution store at 4 degree C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 12 months from date of reconstitution.



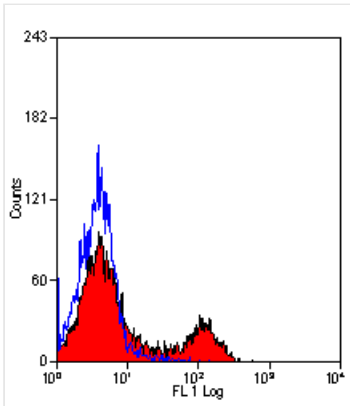
Application Data
Staining of mouse peritoneal macrophages with Rat anti Mouse CD11b



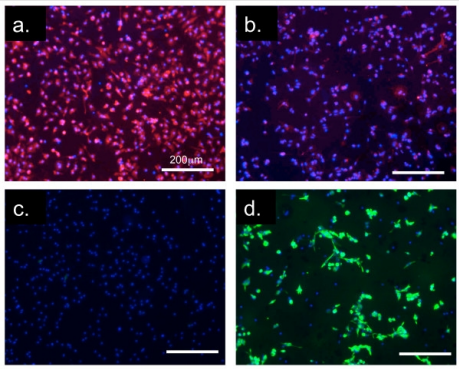
Application Data
Staining of mouse peritoneal macrophages with Rat anti Mouse CD11b



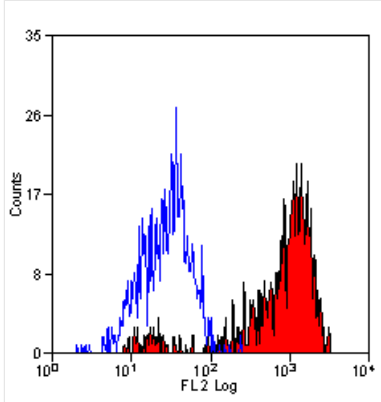
Application Data
Staining of mouse peritoneal macrophages cells with Rat anti Mouse CD11b:Alexa Fluor 488



Application Data
Staining of total mouse peritoneal exudate cells demonstrating labelling of macrophages with Rat anti Mouse CD11b:RPE



Application Data
Published customer image: Immunocytochemical characterisation of cultures of mouse microglia. Cultures of microglia were immunostained with anti-CD11b (a) and anti-GFAP (c). Cultures of astrocytes were immunostained with anti-CD11b (c) and anti-GFAP (d). All cells were also counterstained with DAPI (blue) to identify the cells' nuclei.From: Ferger et al. Journal of Neuroinflammation 2010 7:45



Application Data
Staining of mouse peritoneal macrophages with Rat anti Mouse CD11b:RPE

NCBI AND UNIPROT INFORMATION

NCBI GI #	124956
NCBI GeneID	16409
Molecular Weight	115,196 Da
NCBI Official Full Name	Integrin alpha-M

NCBI Official Synonym Full Names	integrin alpha M
NCBI Official Symbol	Itgam
NCBI Official Synonym Symbols	CR3; CR3A; MAC1; Cd11b; Ly-40; Mac-1; Mac-1a; CD11b/CD18; F730045J24Rik
NCBI Protein Information	integrin alpha-M; CD11 antigen-like family member B; CD11B (p170); CR-3 alpha chain; Mac-1 alpha; cell surface glycoprotein MAC-1 alpha subunit; cell surface glycoprotein MAC-1 subunit alpha; complement component receptor 3 alpha-a; complement receptor type 3; leukocyte adhesion receptor MO1; macrophage antigen alpha
UniProt Protein Name	Integrin alpha-M
UniProt Gene Name	Itgam
UniProt Entry Name	ITAM_MOUSE

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-m1-70-15-flow-cytometry-elisa/12057>