

Mouse CD11c Monoclonal Antibody | anti-CD11c antibody

MOUSE ANTI HUMAN CD11c:RPE

CATALOG # AAA49488	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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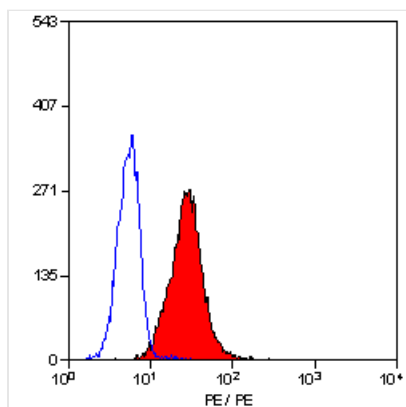
PRODUCT SYNONYMS

CD11c; Monoclonal Antibody; MOUSE ANTI HUMAN CD11c:RPE; anti-CD11c antibody

PRODUCT SPECIFICATIONS

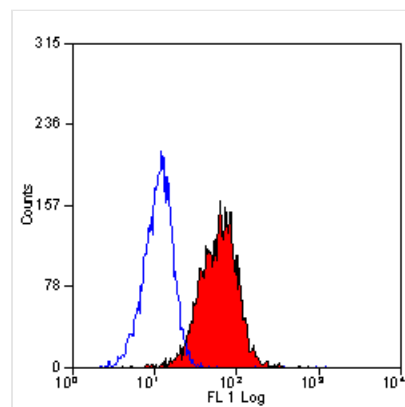
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	BU15
Form/Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Sequence Length	1,163
Applicable Applications for anti-CD11c antibody	FCM/FACS (Flow Cytometry)
Reconstitution	Reconstitute with 1 ml distilled water Perservative Stabilisers
Buffer Solution	Phosphate buffered saline
Target Species	Human
Preparation and Storage	Prior to reconstitution store at 4 degree C. Following reconstitution store at 4 degree C. This product should be stored undiluted. DO NOT FREEZE. 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.

IMAGES



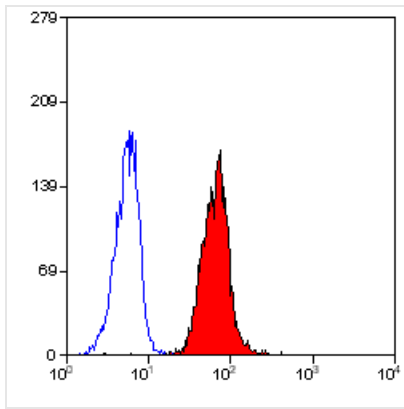
Application Data

Staining of human peripheral blood granulocytes with Mouse anti Human CD11c:RPE



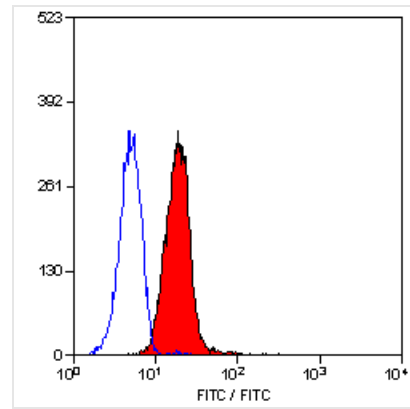
Application Data

Staining of human peripheral blood granulocytes with Mouse anti Human CD11c: Alexa Fluor 647



Application Data

Staining of human peripheral blood granulocytes with Mouse anti Human CD11c:Alexa Fluor 488



Application Data

Staining of human peripheral blood granulocytes with Mouse anti Human CD11c:FITC

ADDITIONAL INFORMATION

Related Product Information for anti-CD11c antibody

Mouse anti Human CD11c antibody, clone Bu15 recognizes the integrin alphax subunit (ITGAX), a 150kD glycoprotein also known as CD11 antigen-like family member C or Leu M5. CD11c is expressed by macrophages, monocytes, NK cells and most dendritic cells (Kohrgruber et al. 1999). CD11c is also expressed at a lower level by granulocytes. CD11c forms a heterodimeric integral membrane protein with the integrin beta 2 chain to form the leukocyte specific integrin 'inactivated-C3b receptor 4'. CD11c interacts with a number of ligands including the G-P-R sequence in fibrinogen, ICAM-1 (Frick et al. 2005), iC3b (Sadhu et al. 2007) and Junctional adhesion molecule-like (Bazzoni et al. 2011). CD11c is involved in cell-cell interactions during the inflammatory process and is important for monocyte adhesion and chemotaxis. CD11c also acts as a signalling receptor for polysaccharide (Inqualls et al. 1995) CD11c is expressed by hairy cell leukaemia cells (Goodman et al. 2003; Nicolaou et al. 2003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	34452173
NCBI GeneID	3687
NCBI Accession #	NP_000878.2
NCBI GenBank Nucleotide #	NM_000887.4
UniProt Accession #	P20702 ; Q8IVA6
Molecular Weight	127,829 Da
NCBI Official Full Name	integrin alpha-X isoform 2
NCBI Official Synonym Full Names	integrin, alpha X (complement component 3 receptor 4 subunit)
NCBI Official Symbol	ITGAX
NCBI Official Synonym Symbols	CD11C; SLEB6
NCBI Protein Information	integrin alpha-X; CD11 antigen-like family member C; integrin, alpha X (antigen CD11C (p150), alpha polypeptide); leu M5, alpha subunit; leukocyte adhesion glycoprotein p150,95 alpha chain; leukocyte adhesion receptor p150,95; leukocyte surface antigen p150,95, alpha subunit; myeloid membrane antigen, alpha subunit; p150 95 integrin alpha chain
UniProt Protein Name	Integrin alpha-X
UniProt Gene Name	ITGAX
UniProt Synonym Gene Names	CD11C
UniProt Entry Name	ITAX_HUMAN

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/cd11c-antibody-clone-bu15-flow-cytometry-elisa/49488>