Mouse anti-Human. CD11c Monoclonal Antibody | anti-ITGAX antibody

CD11c

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62555	**Mouse**	**Human.**	**Immunohistochemistry, Immunoprecipitation, Functional Assay, Immunofluorescence, Flow Cytometry, Functional Assay, ELISA**

PRODUCT SYNONYMS

CD11c; Monoclonal Antibody; CD11 antigen-like family member C; Complement component 3 receptor 4 subunit; Integrin alpha-X; integrin; alpha X (antigen CD11C (p150); alpha polypeptide); Leu M5 alpha subunit; Leukocyte adhesion glycoprotein p150 95 alpha chain; Myeloid membrane antigen alpha subunit; p150/95; anti-ITGAX antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human.
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	HC1/1
Specificity	CD11c, also known as Integrin, alpha X (complement component 3 receptor 4 subunit) (ITGAX), is a type I transmembrane protein found at high levels on most human dendritic cells, but also on monocytes, macrophages, neutrophils, and some B cells that induces cellular activation and helps trigger neutrophil respiratory burst; expressed in hairy cell leukemias, acute non-lymphocytic leukemias, and some B-cell chronic lymphocytic leukemias.
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	1163
Applicable Applications for anti-ITGAX antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), FA (Functional Assay), IF (Immunofluorescence), FCM/FACS (Flow Cytometry), ELISA
Localization	Cell surface
Positive Control	Human dendritic cells. Human lymph nodes and tonsils.
Human Chromosomal Location	16p11.2
Immunogen	Human monocytic U937 phorbol ester-treated cells
Quantity and Buffer	0.5 ml at 200ug/ml with BSA and azide
Preparation and Storage	Store at 2 to 8 degree C. Antibody is stable for 24 months.

ADDITIONAL INFORMATION

References	1. Nicolaou, F., et al. 2003. CD11c gene expression in hairy cell leukemia is dependent upon activation of the proto-oncogenes Ras and JunD. Blood 101: 4033-4041. 2. Edwards, A.D., et al. 2003. Relationships among murine CD11c (high) dendritic cell subsets as revealed by baseline gene expression patterns. J. Immunol. 171: 47-60.

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	145kDa
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; leu M5, alpha subunit; p150 95 integrin alpha chain; CD11 antigen-like family member C; leukocyte adhesion receptor p150,95; myeloid membrane antigen, alpha subunit; leukocyte surface antigen p150,95, alpha subunit; leukocyte adhesion glycoprotein p150,95 alpha chain; integrin, alpha X (antigen CD11C (p150), alpha polypeptide)
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-hc1-1-immunohistochemistry-immunoprecipitation-functional-assay-immunofluorescence-flow-cytometry-elisa/62555