

Rabbit ITGAX/CD11c Polyclonal Antibody | anti-ITGAX antibody

ITGAX/CD11c Rabbit anti-Mouse Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA163067	Rabbit	Mouse, Rat, Human	Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

ITGAX/CD11c; Polyclonal Antibody; ITGAX/CD11c Rabbit anti-Mouse Polyclonal Antibody; PathPlus ITGAX/CD11c Antibody; ITGAX; CD11c antigen; Integrin alpha-X; Leu M5; alpha subunit; p150 95 integrin alpha chain; SLEB6; CD11C; anti-ITGAX antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat, Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS, pH7.4, 0.02% Sodium Azide, 50% Glycerol, 1% BSA
Concentration	0.98mg/ml (varies by lot)
Applicable Applications for anti-ITGAX antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Target	Mouse ITGAX/CD11c
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse CD11c
Conjugation	Unconjugated
Family	Integrin
Preparation and Storage	Store at -20 degree C. Avoid freeze-thaw cycles.

IMAGES



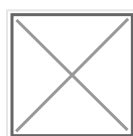
IHC (Immunohistochemistry)

ITGAX/CD11c Antibody-Human Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)

ITGAX/CD11c Antibody-Human Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)

ITGAX/CD11c Antibody-Human Thymus: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-ITGAX antibody	CD11c antibody is an unconjugated rabbit polyclonal antibody to CD11c (ITGAX) from mouse. It is reactive with human, mouse and rat. Validated for IF, IHC and WB. ITGAX (CD11c) is the integrin alpha X chain protein that functions as a fibrinogen receptor. ITGAX plays a role in monocyte adhesion and chemotaxis, and can induce cellular activation and trigger neutrophil respiratory burst. In cancer, it is positive in leukemia, including the hairy cell, acute nonlymphocytic and B-cell chronic lymphocytic subtypes, and follicular and lymphoplasmacytic lymphoma. In obesity, CD206 and TGAX/CD11c positive macrophages in adipose tissue are correlated with insulin resistance. In immunohistochemistry, ITGAX is found on dendritic cells, monocytes, granulocytes, macrophages, neutrophils, some B cells, as well as roughly half of activated CD4 and CD8 positive T cells. It is commonly used to identify histiocytes and NK cells, and also in the identification of leukemia.
References	The UniProt Consortium. Nucleic Acids Res. 47: D506-515 (2019); Nucleic Acids Res. 2016 Jan 4;44(D1):D733-45, PMID:26553804; Diabetes 2010;59:1648, PMID: 20357360; McKusick, Hamosh. Online Mendelian Inheritance in Man, OMIM. Johns Hopkins University, Baltimore, MD. MIM Number: 151510, URL: https://omim.org/ OMIM: 151510; Am J Clin Pathol 2005;124:414, PMID: 16191510; Am J Clin Pathol 1998;110:582, PMID: 9802342;

NCBI AND UNIPROT INFORMATION

NCBI GI #	34452173
NCBI GeneID	3687
NCBI Accession #	NP_000878.2
NCBI GenBank Nucleotide #	NM_000887
UniProt Accession #	P20702; Q8IVA6
Molecular Weight	150kDa
NCBI Official Full Name	integrin alpha-X
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 gl
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/polyclonal/itgax-cd11c-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/163067>