

Rabbit anti-Human ITGAX Polyclonal Antibody | anti-ITGAX antibody

ITGAX Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286612	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

ITGAX; Polyclonal Antibody; ITGAX Antibody (C-term); Integrin alpha-X; CD11 antigen-like family member C; Leu M5; Leukocyte adhesion glycoprotein p150; 95 alpha chain; Leukocyte adhesion receptor p150; CD11c; CD11C; anti-ITGAX antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ITGAX antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1119-1145 amino acids from the C-terminal region of human ITGAX.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	1119-1145
Sequence Length	1,163
Applicable Applications for anti-ITGAX antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of ITGAX Antibody (C-term) with paraffin-embedded human hepatocarcinoma. 0.05 mg/ml primary antibody was followed by FITC-conjugated goat anti-rabbit IgG (whole molecule). FITC emits green fluorescence.Red counterstaining is PI.

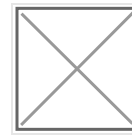


FCM/FACS (Flow Cytometry)

Flow cytometric analysis of SK-Br-3 cells using ITGAX Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

**IHC (Immunohistochemistry)**

Formalin-fixed and paraffin-embedded human hepatocarcinoma with ITGAX Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

**WB (Western Blot)**

Western blot analysis of ITGAX Antibody (C-term) in MDA-MB231 cell line lysates (35ug/lane). ITGAX (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ITGAX antibody	ITGAX is the integrin alpha X chain protein. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This protein combines with the beta 2 chain (ITGB2) to form a leukocyte-specific integrin referred to as inactivated-C3b (iC3b) receptor 4 (CR4). The alpha X beta 2 complex seems to overlap the properties of the alpha M beta 2 integrin in the adherence of neutrophils and monocytes to stimulated endothelium cells, and in the phagocytosis of complement coated particles.
Product Categories/Family for anti-ITGAX antibody	Immunology ; Signal Transduction
References	Bulloch,K., et.al., J. Comp. Neurol. 508 (5), 687-710 (2008)

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	127829
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
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-antibody-immunohistochemistry-western-blot-immunofluorescence-flow-cytometry-elisa/286612>