

# ITGAX rabbit monoclonal antibody

Catalog # H00003687-K

Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human ITGAX peptide using ARM Technology.
Immunogen	A synthetic peptide of human ITGAX is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human ITGAX peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — ITGAX

Entrez GeneID	<a href="#">3687</a>
GeneBank Accession#	<a href="#">ITGAX</a>
Gene Name	ITGAX
Gene Alias	CD11C, SLEB6
Gene Description	integrin, alpha X (complement component 3 receptor 4 subunit)
Omim ID	<a href="#">151510</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes 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. [provided by RefSeq]
Other Designations	OTTHUMP00000163299 integrin alpha X integrin, alpha X (antigen CD11C (p150), alpha polypeptide) leu M5, alpha subunit leukocyte surface antigen p150,95, alpha subunit myeloid membrane antigen, alpha subunit p150 95 integrin alpha chain

## Pathway

- [Regulation of actin cytoskeleton](#)

## Disease

- [Genetic Predisposition to Disease](#)
- [Helicobacter Infections](#)
- [Lupus Erythematosus](#)
- [Stomach Ulcer](#)