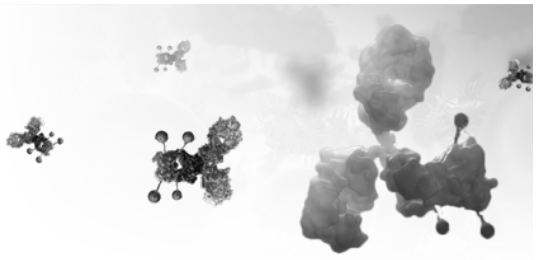

Anti-ITGAX (aa 114-223) polyclonal antibody (DPAB-DC1744)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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. Two transcript variants encoding different isoforms have been found for this gene.
Immunogen	ITGAX (NP_000878, 114 a.a. ~ 223 a.a) partial recombinant protein with GST tag. The sequence is HECGRNMYLTGLCFLLGPTQLTQRLPVSRQECPRQEQDIVFLIDGSGSISSRNFATMMNF VRAVISQFQRPSTQFSLMQFSNKFQTHFTFEEFRRSSNPLSLLASVHQLQ
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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Gene Name	ITGAX integrin, alpha X (complement component 3 receptor 4 subunit) [Homo sapiens (human)]
Official Symbol	ITGAX
Synonyms	ITGAX; integrin, alpha X (complement component 3 receptor 4 subunit); CD11C; SLEB6; 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);
Entrez Gene ID	3687
Protein Refseq	NP_000878
UniProt ID	P20702
Chromosome Location	16p11.2
Pathway	Cell surface interactions at the vascular wall; Extracellular matrix organization; Hemostasis; Integrin-mediated cell adhesion
Function	metal ion binding; protein binding; receptor activity;

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