



CD11c Polyclonal Antibody

Catalog No	YP-Ab-17661
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	IHC;IF;ELISA
Gene Name	ITGAX CD11C
Immunogen	Synthetic peptide from human protein at AA range: 920-980
Specificity	The antibody detects endogenous Integrin α X
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC-p 1:50-200, ELISA 1:10000-20000. IF 1:50-200
Concentration	1 mg/ml
Purity	$\geq 90\%$
Storage Stability	-20°C/1 year
Synonyms	CD11 antigen-like family member C;Integrin alpha X;Integrin alpha-X;ITGAX;Leu M5;Integrin α X;ITGAX CD11C;Integrin alpha-X (CD11 antigen-like family member C) (Leu M5) (Leukocyte adhesion glycoprotein p150;95 alpha chain) (Leukocyte adhesion receptor p150;95) (CD antigen CD11c);Integrin alpha-X (CD11 antigen-like family member C;Leukocyte adhesion glycoprotein p150;95 alpha chain;Leukocyte adhesion receptor p150;95;CD antigen CD11c)
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Membrane; Single-pass type I membrane protein.
Tissue Specificity	Predominantly expressed in monocytes and granulocytes.
Function	domain:The integrin I-domain (insert) is a VWFA domain. Integrins with I-domains do not undergo protease cleavage.,function:Integrin alpha-X/beta-2 is a receptor for fibrinogen. It recognizes the sequence G-P-R in fibrinogen. It mediates cell-cell interaction during inflammatory responses. It is especially important in monocyte adhesion and chemotaxis.,similarity:Belongs to the integrin alpha chain family.,similarity:Contains 1 VWFA domain.,similarity:Contains 7 FG-GAP repeats.,subunit:Heterodimer of an alpha and a beta subunit. Alpha-X associates with beta-2.,tissue specificity:Predominantly



expressed in monocytes and granulocytes.,

Background

integrin subunit alpha X(ITGAX) Homo sapiens 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. [provided by RefSeq, Nov 2013]

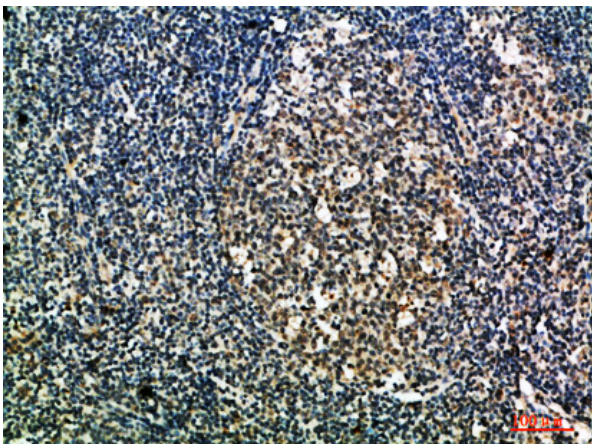
matters needing attention

Avoid repeated freezing and thawing!

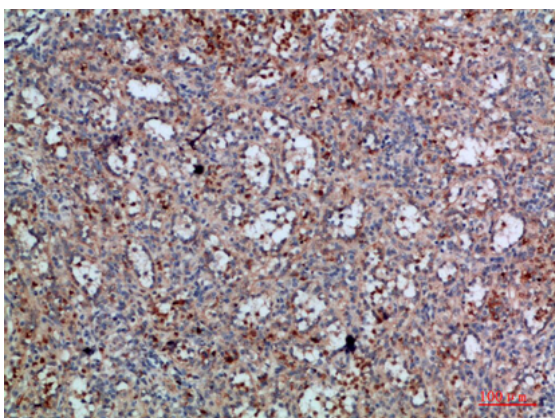
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemical analysis of paraffin-embedded human-tonsil, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-spleen, antibody was diluted at 1:200