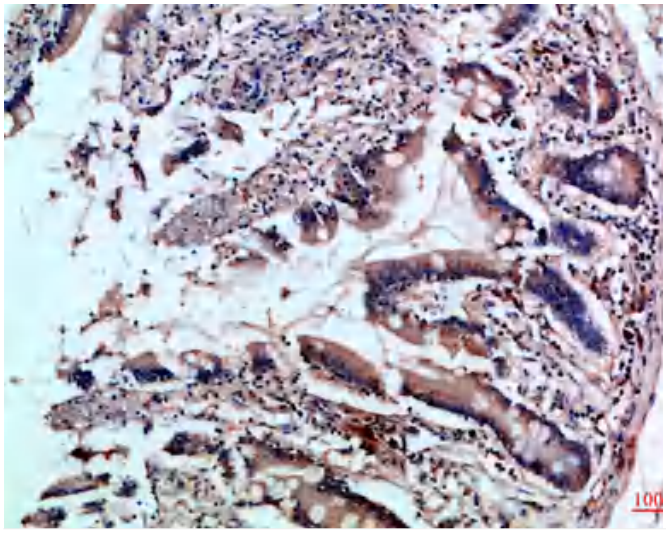
CD242 Polyclonal Antibody

Catalog No	YP-Ab-10743
Isotype	IgG
Reactivity	Human;Mouse
Applications	IHC;IF;ELISA
Gene Name	ICAM4 LW
Protein Name	Intercellular adhesion molecule 4 (ICAM-4) (Landsteiner-Wiener blood group glycoprotein) (LW blood group protein) (CD antigen CD242)
Immunogen	Synthetic peptide from human protein at AA range: 141-190
Specificity	The antibody detects endogenous CD242
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	≥90%
Storage Stability	-20°C/1 year
Synonyms	Intercellular adhesion molecule 4 (ICAM-4;Landsteiner-Wiener blood group glycoprotein;LW blood group protein;CD antigen CD242)
Observed Band	
Cell Pathway	[Isoform Long]: Cell membrane; Single-pass type I membrane protein.; [Isoform Short]: Secreted .; Cell membrane ; Single-pass type I membrane protein .
Tissue Specificity	Erythrocytes.
Function	function:ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). ICAM4 is also a ligand for alpha-4/beta-1 and alpha-V integrins.,online information:Blood group antigen gene mutation database,polymorphism:Responsible for the Landsteiner-Wiener blood group system. The molecular basis of the LW(A)=LW5/LW(B)=LW7 blood group antigens is a single variation in position 100; Gln-100 corresponds to LW(A) and Arg-100 to LW(B).,PTM:N- and O-glycosylated.,similarity:Belongs to the immunoglobulin superfamily. ICAM family.,similarity:Contains 2 Ig-like C2-type (immunoglobulin-like) domains.,tissue specificity:Erythrocytes.,
Background	This gene encodes the Landsteiner-Wiener (LW) blood group antigen(s) that belongs to the immunoglobulin (Ig) superfamily, and that shares similarity with the intercellular adhesion molecule (ICAM) protein family. This ICAM protein contains 2 Ig-like C2-type domains and binds to the leukocyte adhesion LFA-1 protein. The molecular basis of the LW(A)/LW(B) blood group antigens is a single aa variation

	at position 100; Gln-100=LW(A) and Arg-100=LW(B). Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008],
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-colon, antibody was diluted at 1:100