
Product Name: CD242 Rabbit Polyclonal Antibody**Catalog #: APRab08305**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	IHC,ICC/IF,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio IHC 1:50-1:200,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000

Molecular Weight

Antigen Information

Gene Name	ICAM4 LW
Alternative Names	Intercellular adhesion molecule 4 (ICAM-4;Landsteiner-Wiener blood group glycoprotein;LW blood group protein;CD antigen CD242)
Gene ID	3386.0
SwissProt ID	Q14773
Immunogen	Synthetic peptide from human protein at AA range: 141-190

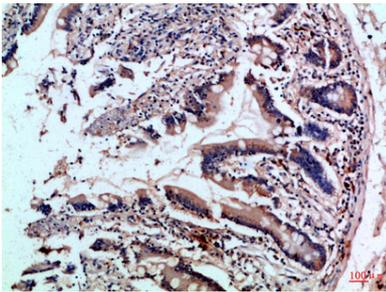
Background

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],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.,

Research Area

Image Data



Immunohistochemical analysis of paraffin-embedded Human-colon, antibody was diluted at 1:100