

## Rabbit Anti-ICAM4/Biotin Conjugated antibody

SL7637R-Bio

<b>Product Name</b>	Anti-ICAM4/Biotin
<b>Chinese Name</b>	生物素标记的细胞间粘附分子 4 抗体
<b>Alias</b>	CD242; CD242 antigen; ICAM-4; Icam4; ICAM4_HUMAN; Intercellular adhesion molecule 4; Landsteiner Wiener blood group glycoprotein; Landsteiner-Wiener blood group glycoprotein; LW; LW blood group protein.
<b>Research Area</b>	Cardiovascular Cell biology immunology Signal transduction Apoptosis Cell adhesion molecule Cytoskeleton
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Human,Mouse(predicted:Rat,Dog,Pig,Cow,Horse)
<b>Applications</b>	WB=1:500-2000,Flow-Cyt=1ug/test not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	27kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human ICAM4 (75-117aa)
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>Product Detail</b>	<b>background:</b> 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.

**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.

**Subcellular Location:**

Isoform Long: Cell membrane; Single-pass type I membrane protein. Isoform Short: Secreted.

**Tissue Specificity:**

Erythrocytes.

**Post-translational modifications:**

N- and O-glycosylated.

**Similarity:**

Belongs to the immunoglobulin superfamily. ICAM family. Contains 2 Ig-like C2-type (immunoglobulin-like) domains.

**Database links:**

[Entrez Gene: 3386](#) Human

[Entrez Gene: 78369](#) Mouse

[Entrez Gene: 298702](#) Rat

[Omim: 614088](#) Human

[SwissProt: Q14773](#) Human

[SwissProt: Q9ERM2](#) Mouse

[Unigene: 706750](#) Human

[Unigene: 30220](#) Mouse

[Unigene: 222410](#) Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.