



Rabbit Anti-ICAM1 antibody

SL4617R

Product Name:	ICAM1
Chinese Name:	细胞间粘附分子-1抗体
Alias:	BB2; CD54 antigen; CD54; ICAM1; ICAM 1; ICAM-1; Cell surface glycoprotein P3.58; Human rhinovirus receptor; Intercellular adhesion molecule 1; Major group rhinovirus receptor; MALA2; MyD10; P3.58; Surface antigen of activated B cells; ICAM1_HUMAN; MALA-2; MyD10; intercellular adhesion molecule 1 precursor; intercellular adhesion molecule 1 (CD54), human rhinovirus receptor; major group rhinovirus receptor.
文献引用 PubMed :	Specific References(1) SL4617R has been referenced in 1 publications. [IF=2.17] Wang, Xiaoyu, et al. "Preliminary research of relationship between acute peritonitis and celiac primo vessels." Evidence-Based Complementary and Alternative Medicine 2013 (2013).IHC-P;Rat.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Rabbit,Guinea Pig,
Applications:	WB=1:500-2000ELISA=1:500-1000Flow-Cyt=1µg/Test not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	56kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ICAM-1:180-250/532<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized

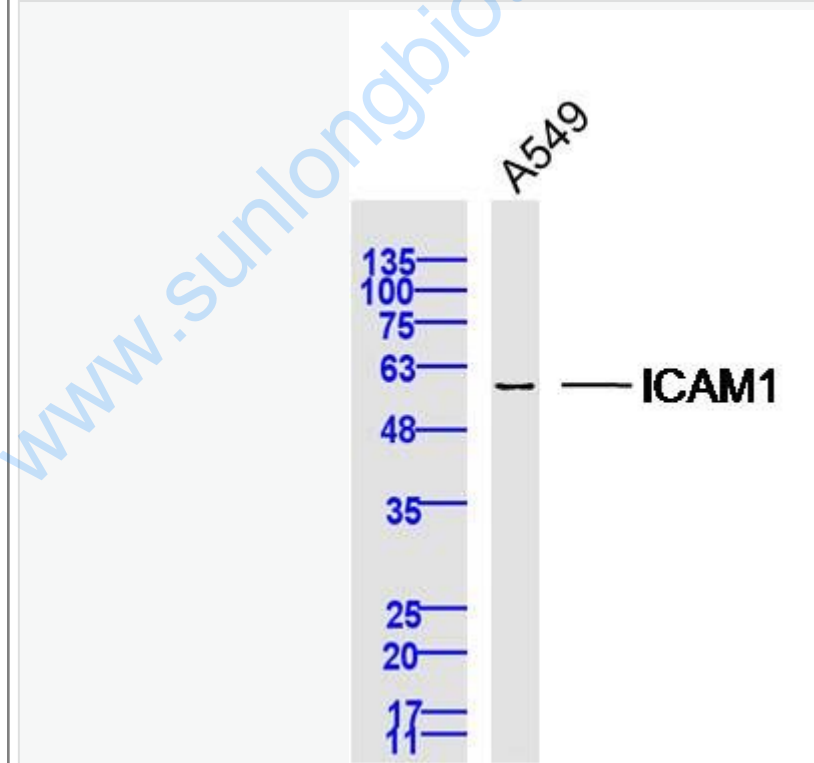
	<p>antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.</p>
<p>PubMed:</p>	<p>PubMed</p>
<p>Product Detail:</p>	<p>This gene encodes a cell surface glycoprotein which is typically expressed on endothelial cells and cells of the immune system. It binds to integrins of type CD11a / CD18, or CD11b / CD18 and is also exploited by Rhinovirus as a receptor. [provided by RefSeq, Jul 2008].</p> <p>Function: ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). During leukocyte trans-endothelial migration, ICAM1 engagement promotes the assembly of endothelial apical cups through ARHGEF26/SGEF and RHOG activation. In case of rhinovirus infection acts as a cellular receptor for the virus.</p> <p>Subunit: Homodimer (Probable). Interacts with human herpesvirus 8 MIR2 protein (Probable). Interacts with MUC1 and promotes cell aggregation in epithelial cells. Interacts with ARHGEF26/SGEF. Binds to coxsackievirus A21 capsid proteins and acts as a receptor for this virus.</p> <p>Subcellular Location: Membrane; Single-pass type I membrane protein.</p> <p>Post-translational modifications: Monoubiquitinated, which is promoted by MARCH9 and leads to endocytosis.</p> <p>Similarity: Belongs to the immunoglobulin superfamily. ICAM family. contains 5 Ig-like C2-type (immunoglobulin-like) domains.</p> <p>SWISS: P05362</p> <p>Gene ID: 3383</p> <p>Database links:</p> <p>Entrez Gene: 3383Human</p> <p>Entrez Gene: 15894Mouse</p> <p>Entrez Gene: 25464Rat</p> <p>Omim: 147840Human</p>

[Unigene: 643447](#)Human
[SwissProt: P05362](#)Human
[SwissProt: P13597](#)Mouse
[SwissProt: Q00238](#)Rat
[Unigene: 435508](#)Mouse
[Unigene: 12](#)Rat

Important Note:

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

Picture:



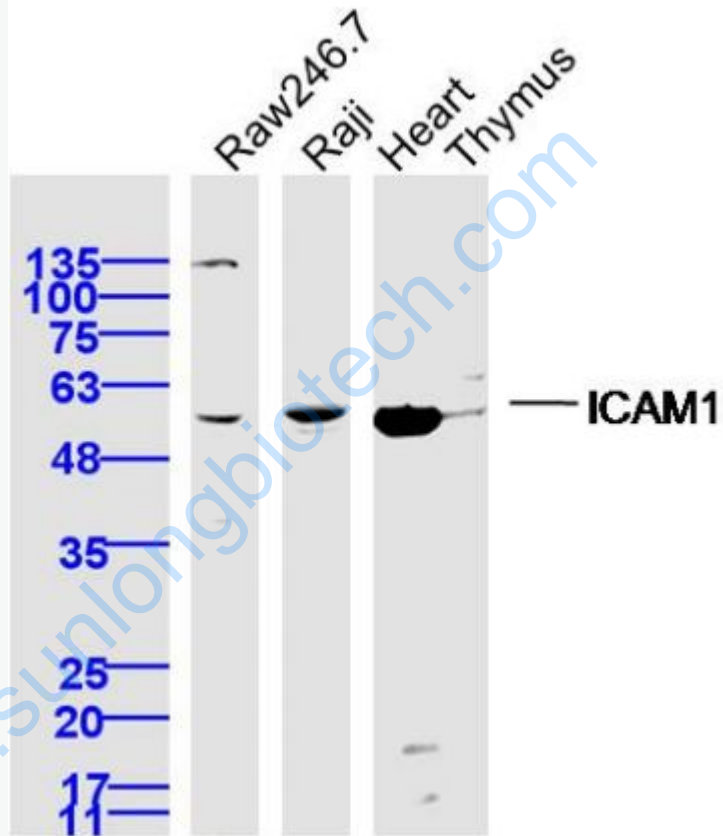
Sample: A549 Cell (Human) Lysate at 40 ug

Primary: Anti-ICAM1 (SL4617R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 56 kD

Observed band size: 56 kD



Sample:

Raw264.7 cell (Mouse) Lysate at 40 ug

Raji Cell (Human) Lysate at 40 ug

Heart (Mouse) Lysate at 40 ug

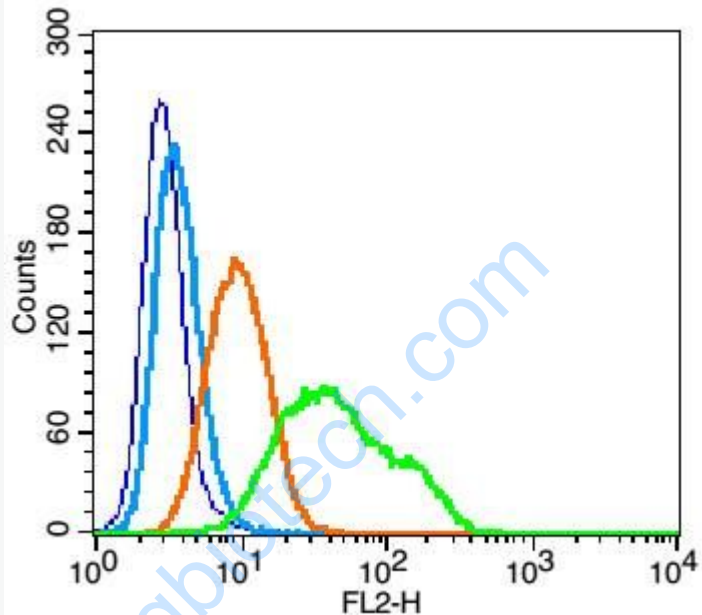
Thymus (Mouse) Lysate at 40 ug

Primary: Anti-ICAM1 (SL4617R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 56 kD

Observed band size: 56 kD



Blank control(blue): U937(fixed with 2% paraformaldehyde (10 min))

Primary Antibody: Rabbit Anti-ICAM1 antibody(SL4617R), Dilution: 1 μ g in 100 μ L 1X PBS containing 0.5% BSA;

Isotype Control Antibody: Rabbit IgG(orange) ,used under the same conditions);

Secondary Antibody: Goat anti-rabbit IgG-PE(white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA.