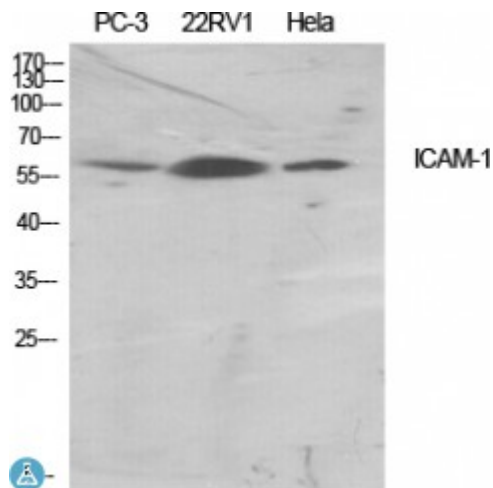


Anti-ICAM-1 antibody



Description	Rabbit polyclonal to ICAM-1.
Model	STJ93634
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human ICAM-1 around the non-phosphorylation site of Y512.
Immunogen Region	450-530 aa
Gene ID	3383
Gene Symbol	ICAM1
Dilution range	WB 1:500-1:2000ELISA 1:10000
Specificity	ICAM-1 Polyclonal Antibody detects endogenous levels of ICAM-1 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Intercellular adhesion molecule 1 ICAM-1 Major group rhinovirus receptor CD antigen CD54
Molecular Weight	58 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:5344OMIM:147840
Alternative Names	Intercellular adhesion molecule 1 ICAM-1 Major group rhinovirus receptor CD antigen CD54
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. (Microbial infection) Acts as a receptor for major receptor group rhinovirus A-B capsid proteins . Acts as a receptor for Coxsackievirus A21 capsid proteins . Upon Kaposi's sarcoma-associated herpesvirus/HHV-8 infection, is degraded by viral E3 ubiquitin ligase MIR2, presumably to prevent lysis of infected cells by cytotoxic T-lymphocytes and NK cell .
Cellular Localization	Membrane. Single-pass type I membrane protein.
Post-translational Modifications	Monoubiquitinated, which is promoted by MARCH9 and leads to endocytosis.

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