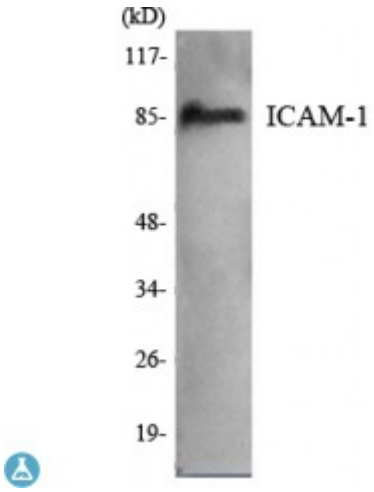
Anti-ICAM-1 antibody



Description	Mouse monoclonal to ICAM-1.

Model	STJ98507
Host	Mouse
Reactivity	Human
Applications	IF, WB
Immunogen	Purified recombinant human ICAM-1 (N-terminal) protein fragments expressed in E.coli.
Immunogen Region	N-terminal
Gene ID	3383
Gene Symbol	ICAM1
Dilution range	WB 1:1000-1:2000IF 1:100-1:500
Specificity	ICAM-1 Monoclonal Antibody detects endogenous levels of ICAM-1 protein.
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Intercellular adhesion molecule 1 ICAM-1 Major group rhinovirus receptor CD antigen CD54
Clonality	Monoclonal
Conjugation	Unconjugated
Formulation	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol.

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.