

ICAM-1 (phospho Tyr512) Polyclonal Antibody

Catalog No :	YP0137
Reactivity :	Human;Rat;Mouse;
Applications :	WB;ELISA
Target :	ICAM-1
Fields :	>>NF-kappa B signaling pathway;>>Cell adhesion molecules;>>Natural killer cell mediated cytotoxicity;>>TNF signaling pathway;>>Leukocyte transendothelial migration;>>AGE-RAGE signaling pathway in diabetic complications;>>African trypanosomiasis;>>Malaria;>>Staphylococcus aureus infection;>>Influenza A;>>Human T-cell leukemia virus 1 infection;>>Kaposi sarcoma-associated herpesvirus infection;>>Epstein-Barr virus infection;>>Rheumatoid arthritis;>>Viral myocarditis;>>Lipid and atherosclerosis;>>Fluid shear stress and atherosclerosis
Gene Name :	ICAM1
Protein Name :	Intercellular adhesion molecule 1
Human Gene Id :	3383
Human Swiss Prot No :	P05362
Mouse Swiss Prot	P13597
Immunogen :	The antiserum was produced against synthesized peptide derived from human ICAM-1 around the phosphorylation site of Tyr512. AA range:479-528
Specificity :	Phospho-ICAM-1 (Y512) Polyclonal Antibody detects endogenous levels of ICAM-1 protein only when phosphorylated at Y512.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications.



Purification : The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Concentration : 1 mg/ml Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C) Observed Band : 57kD Cell Pathway : Cell adhesion molecules (CAMs):Natural killer cell mediated cytotoxicity:Leukocyte transendothelial migration:Viral myocarditis; Background : This gene encodes a cell surface glycoprotein which is typically expressed on endothelial encodes a cell surface glycoprotein which is typically expressed on endothelial encodes a cell surface glycoprotein which is typically expressed on endothelial encodes a cell surface glycoprotein which is typically expressed on endothelial encodes a cell surface glycoprotein which is typically expressed on endothelial encodes a cell surface glycoprotein which is typically expressed on endothelial encodes a cell surface glycoprotein which is typically expressed on endothelial encodes a cell surface glycoprotein which is typically expressed on endothelial encodes a cell surface glycoprotein which is typically expressed on endothelial encode by RefSeq, Jul 2008]. Function : function: (CAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). During leukocyte trans-endothelial encical cups through SGEF and RHOG activation. In case of rhinovirus infection acts as a cellular receptor for the virus, online information://mathematicn://costhedral capsid structure, online information://mathematicn://mathematicn://mathematicn://mathematicn://mathematicn://mathematicn://mathematicn://mathematicn://mathematicellular adhesion molecule entry.polymorphism:Homozygotes with ICAM		
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Subcellular Location : Membrane; Single-pass type I membrane protein. Expression : Blood,Kidney,Liver,Melanoma,Plasma, Tag : orthogonal Sort : 8298 No4 : 1 Host : Rabbit Modifications : Phospho		MIR2 protein (Probable). Interacts with MOCT and promotes cell a
Subcellular Membrane; Single-pass type I membrane protein. Location : Blood,Kidney,Liver,Melanoma,Plasma, Tag : orthogonal Sort : 8298 No4 : 1 Host : Rabbit Modifications : Phospho		
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Products Images

Western Blot analysis of various cells using Phospho-ICAM-1 (Y512) Polyclonal Antibody diluted at 1:500

Western blot analysis of lysates from HeLa cells treated with TNFalpha 20ng/ml 5', using ICAM-1 (Phospho-Tyr512) Antibody. The lane on the right is blocked with the phospho peptide.