Best Tools for immunology Research

CD69 Polyclonal Antibody

Catalog No :	YT0773
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	CD69
Gene Name :	CD69
Protein Name :	Early activation antigen CD69
Human Gene Id :	969
Human Swiss Prot No :	Q07108
Mouse Gene Id :	12515
Mouse Swiss Prot No :	P37217
Immunogen :	The antiserum was produced against synthesized peptide derived from human CD69. AA range:101-150
Specificity :	CD69 Polyclonal Antibody detects endogenous levels of CD69 protein.
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 : 23kD

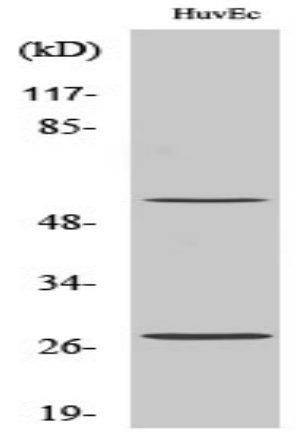
Background : This gene encodes a member of the calcium dependent lectin superfamily of type II transmembrane receptors. Expression of the encoded protein is induced upon activation of T lymphocytes, and may play a role in proliferation. Furthermore, the protein may act to transmit signals in natural killer cells and platelets. [provided by RefSeq, Aug 2011],

Function : developmental stage:Earliest inducible cell surface glycoprotein acquired during lymphoid activation.,function:Involved in lymphocyte proliferation and functions as a signal transmitting receptor in lymphocytes, natural killer (NK) cells, and platelets.,induction:By antigens, mitogens or activators of PKC on the surface of T and B-lymphocytes. By interaction of IL-2 with the p75 IL-2R on the surface of NK cells.,online information:CD69,PTM:Constitutive Ser/Thr phosphorylation in both mature thymocytes and activated T-lymphocytes.,similarity:Contains 1 C-type lectin domain.,subunit:Homodimer; disulfide-linked.,tissue specificity:Expressed on the surface of activated T-cells, B-cells, natural killer cells, neutrophils, eosinophils, epidermal Langerhans cells and platelets.,

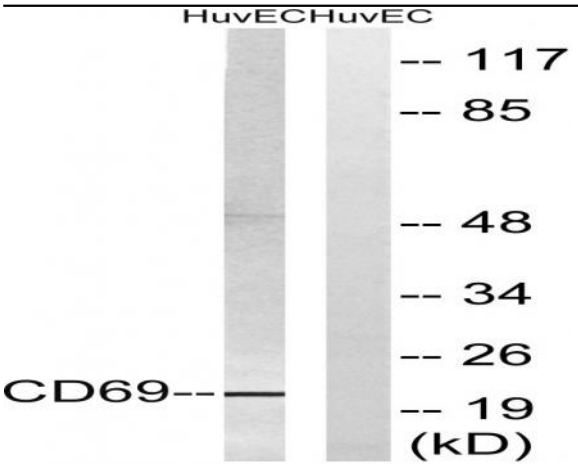
Subcellular Location : Membrane; Single-pass type II membrane protein.

Expression : Expressed on the surface of activated T-cells, B-cells, natural killer cells, neutrophils, eosinophils, epidermal Langerhans cells and platelets.

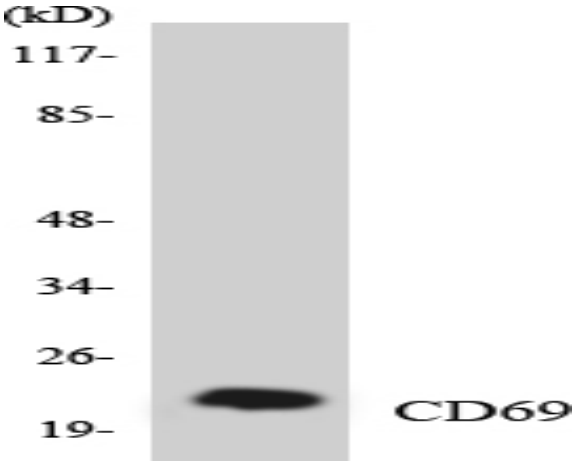
Products Images



Western Blot analysis of various cells using CD69 Polyclonal Antibody diluted at 1:1000



Western blot analysis of lysates from HUVEC cells, using CD69 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HUVECcells using CD69 antibody.