



CD69 Monoclonal Antibody

Catalog No	YP-mAb-14027
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CD69
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human CD69. AA range:91-140
Specificity	CD69 Monoclonal Antibody detects endogenous levels of CD69 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Activation inducer molecule;AIM;BL AC/P26;BL-AC/P26;CD69 molecule;CD69; Early activation antigen CD69;CLEC2C;C-type lectin domain family 2 member C; EA1;Early T-cell activation antigen p60;GP32/28;Leukocyte surface antigen Leu-23;MLR-3
Observed Band	25kD
Calculated Molecular Weight	25kD
Cell Pathway	Membrane; Single-pass type II membrane protein.
Tissue Specificity	Expressed on the surface of activated T-cells, B-cells, natural killer cells, neutrophils, eosinophils, epidermal Langerhans cells and platelets.
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



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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],

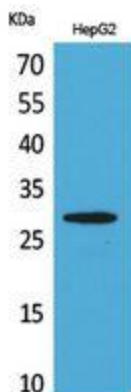
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using CD69 Monoclonal Antibody