



# CD69 Rabbit mAb

<b>Catalog No</b>	YP-rAb-16894
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human
<b>Applications</b>	WB,IHC,IF,IP,ELISA
<b>Gene Name</b>	CD69
<b>Protein Name</b>	Early activation antigen CD69
<b>Purification Process</b>	Protein A
<b>Specificity</b>	Endogenous
<b>Formulation</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
<b>Source</b>	Monoclonal, Rabbit,IgG
<b>Dilution</b>	IHC 1:100-1:500; WB 1:200-1:1000; IF 1:200-1:1000; ELISA 1:5000-1:20000; IP 1:50-1:200; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
<b>Concentration</b>	0.5 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-15° C to -25° C/1 year(Do not lower than -25° C)
<b>Synonyms</b>	CD69 ; CLEC2C ; Early activation antigen CD69 ; Activation inducer molecule ; AIM ; BL-AC/P26 ; C-type lectin domain family 2 member C ; EA1 ; Early T-cell activation antigen p60 ; GP32/28 ; Leukocyte surface antigen Leu-23 ; MLR-3 ; CD antigen CD69
<b>Observed Band</b>	25kD
<b>Calculated Molecular Weight</b>	23kD
<b>Cell Pathway</b>	Membrane; Single-pass type II membrane protein.
<b>Tissue Specificity</b>	Expressed on the surface of activated T-cells, B-cells, natural killer cells, neutrophils, eosinophils, epidermal Langerhans cells and platelets.
<b>Function</b>	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.,

### Background

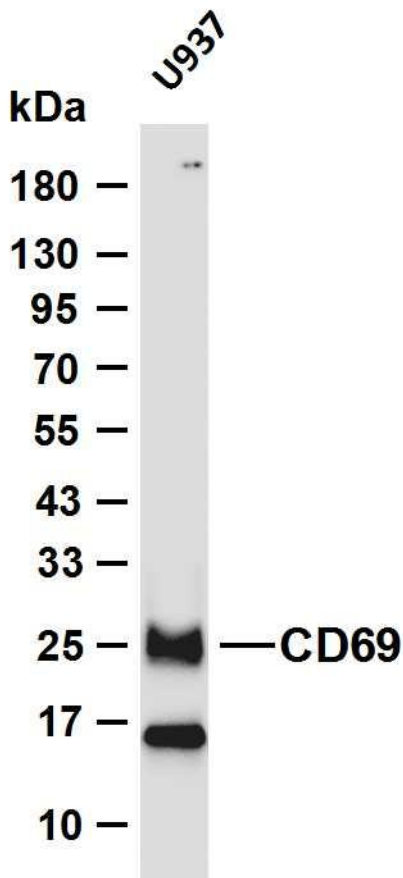
This gene encodes a member of the calcium dependent lectin superfamily of type II transmembrane receptors. Expression of the encoded protein is induced upon activation of T lymphocytes, and may play a role in proliferation. Furthermore, the protein may act to transmit signals in natural killer cells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

### matters needing attention

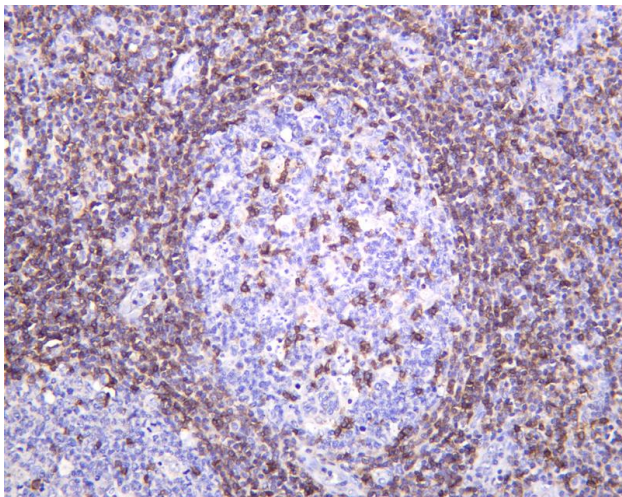
Avoid repeated freezing and thawing!

### Usage suggestions

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



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-CD69 antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: U937 Predicted band size: 23kDa Observed band size: 25kDa



Human tonsil was stained with anti-CD69 Rabbit antibody

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