

CD69 (PN0240) Nb-FC recombinant antibody

CatalogNo: YA0641 **Recombinant** 

Key Features

Reactivity

- Human

Applications

- ELISA

Recommended Dilution Ratios

ELISA 1:5000-100000

Flow Cyt 1-2µg/Test

Storage

Storage* -15°C to -25°C/1 year(Avoid freeze / thaw cycles)

Formulation Phosphate-buffered solution

Basic Information

Source Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell

Purification Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell

Clone Number PN0240

Immunogen Information

Immunogen Purified recombinant Human CD69

Specificity This recombinant monoclonal antibody can detects endogenous levels of CD69 protein.

Target Information

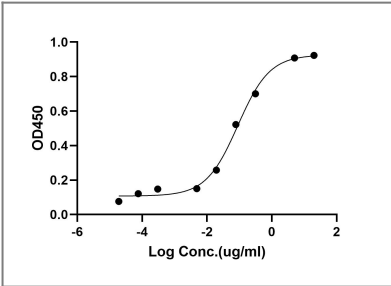
Gene name	CD69 CLEC2C		
Protein Name	Early activation antigen CD69 (Activation inducer molecule) (AIM) (BL-AC/P26) (C-type lectin domain family 2 member C) (EA1) (Early T-cell activation antigen p60) (GP32/28) (Leukocyte surface antigen Leu-23) (MLR-3) (CD antigen CD69)		
	Organism	Gene ID	UniProt ID
	Human	51348 ;	Q07108 ;

Cellular Localization Membrane; Single-pass type II membrane protein.

Tissue specificity Strongly expressed in peripheral blood leukocytes and spleen, with weaker expression in lymph node and adult liver, and no expression detected in bone marrow, thymus, and fetal liver. Not expressed in brain, heart, placenta, lung, kidney, skeletal muscle, and pancreas. Within peripheral blood leukocyte and immunocyte cell lines, expression was predominant in NK cells but was also detected in monocytes.

Function developmental stage:Earliest inducible cell surface glycoprotein acquired during lymphoid activation.,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.,

Validation Data



Contact information

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