

CD84 (PN0249) Nb-FC recombinant antibody

Catalog No :	YA0543
Reactivity :	Human
Applications :	ELISA;FCM
Target :	CD84
Gene Name :	CD84 SLAMF5
Protein Name :	SLAM family member 5 (Cell surface antigen MAX.3) (Hly9-beta) (Leukocyte differentiation antigen CD84) (Signaling lymphocytic activation molecule 5) (CD antigen CD84)
Human Gene Id :	8832
Human Swiss Prot No :	Q9UIB8
Immunogen :	Purified recombinant Human CD84
Specificity :	This recombinant monoclonal antibody can detects endogenous levels of CD84 protein.
Formulation :	Phosphate-buffered solution
Source :	Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell
Dilution :	ELISA 1:5000-100000;FCM 1-2µg/Test
Purification :	Recombinant Expression and Affinity purified
Concentration :	Please check the information on the tube
Storage Stability :	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
Background :	This gene encodes a membrane glycoprotein that is a member of the signaling lymphocyte activation molecule (SLAM) family.This family forms a subset of the

larger CD2 cell-surface receptor Ig superfamily. The encoded protein is a homophilic adhesion molecule that is expressed in numerous immune cells types and is involved in regulating receptor-mediated signaling in those cells. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Oct 2011]

Function :

developmental stage: Expression is slightly increased in naive B-cells after the first division. By contrast, expression on memory B-cells decreased with each successive division., domain: ITSM (immunoreceptor tyrosine-based switch motif) motif is a cytoplasmic motif which may bind SH2D1A., Plays a role as adhesion receptor functioning by homophilic interactions and by clustering. Recruits SH2 domain-containing proteins SH2D1A/SAP. Increases proliferative responses of activated T-cells and SH2D1A/SAP does not seem to be required for this process. Homophilic interactions enhance interferon gamma/IFNG secretion in lymphocytes and induce platelet stimulation via a SH2D1A/SAP-dependent pathway. May serve as a marker for hematopoietic progenitor cells., PTM: N-glycosylated., PTM: Phosphorylated by tyrosine-protein kinase LCK on tyrosine residues following ligation induced by agonist monoclonal antibody.

Subcellular

Location :

Cell membrane ; Single-pass type I membrane protein .

Expression :

Predominantly expressed in hematopoietic tissues, such as lymph node, spleen and peripheral leukocytes. Expressed in macrophages, B-cells, monocytes, platelets, thymocytes, T-cells and dendritic cells. Highly expressed in memory T-cells. Expressed in mast cells.

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