



CD84 Monoclonal Antibody

Catalog No	YP-mAb-13994
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CD84
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human CD84. AA range:131-180
Specificity	CD84 Monoclonal Antibody detects endogenous levels of CD84 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	CD84;SLAM family member 5;SLAMF5;Cell surface antigen MAX.3;Hly9-beta;Leukocyte differentiation antigen CD84;Signaling lymphocytic activation molecule 5
Observed Band	39kD
Calculated Molecular Weight	39kD
Cell Pathway	Cell membrane ; Single-pass type I membrane protein .
Tissue Specificity	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.
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.,function: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 seen 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

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],

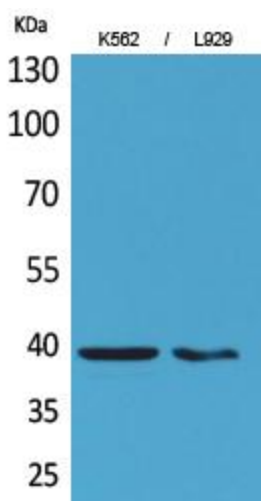
matters needing attention

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 CD84 Monoclonal Antibody