

产品名称: CD84 Rabbit Polyclonal Antibody
产品货号: APRab08470



产品概述 (Summary)

产品名称 (Production Name)	CD84 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CD84 CD84; SLAMF5; SLAM family member 5; Cell surface antigen MAX.3; Hly9-beta;
别名 (Alternative Names)	Leukocyte differentiation antigen CD84; Signaling lymphocytic activation molecule 5; CD84
基因 ID (Gene ID)	8832.0
蛋白 ID (SwissProt ID)	Q9UIB8.The antiserum was produced against synthesized peptide derived from the Internal region of human CD84. AA range:131-180

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	39kDa

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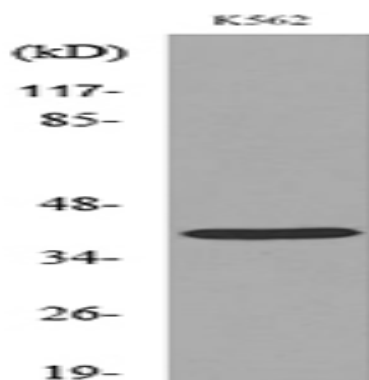
研究背景 (Background)

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],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 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. The association with SH2D1A/SAP is dependent of tyrosines phosphorylation of its cytoplasmic domain Phosphorylated on Tyr-296 and Tyr-316 following platelet aggregation.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,subunit:Homodimer; via its extracellular domain. Forms a head to tail dimer with a CD48 molecule from another cell. Interacts with SH2 domain-containing proteins SH2D1A/SAP and SH2D1B/hEAT-2. Interacts with tyrosine-protein phosphatases PTPN6 and PTPN11 via its phosphorylated cytoplasmic domain, and this interaction is blocked by SH2D1A.,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.,

研究领域 (Research Area)

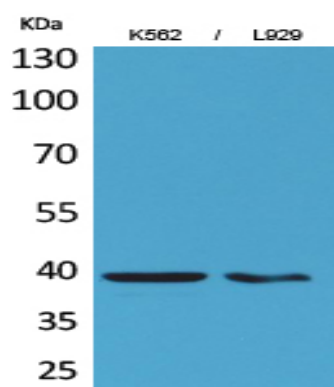
Autophagy

图片 (Image Data)

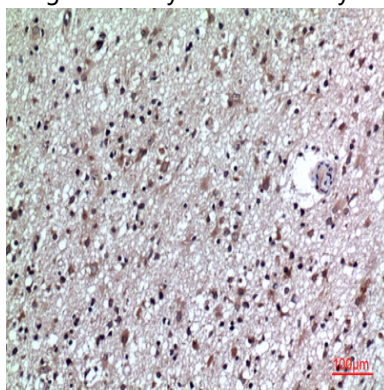


Western blot analysis of lysate from K562 cells, using CD84 Antibody.

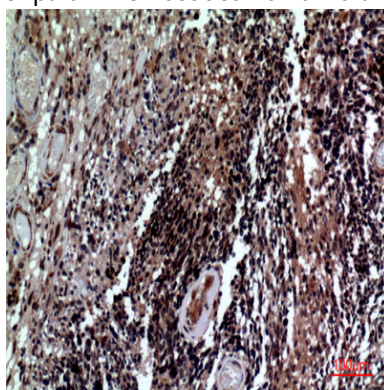
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Western Blot analysis of K562, L929 cells using CD84 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100

注意事项 (Note)

For research use only .