

anti- CD84 antibody

Product Information

Catalog No.:	FNab01503
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Self-ligand receptor of the signaling lymphocytic activation molecule(SLAM) family. SLAM receptors triggered by homo-or heterotypic cell-cell interactions are modulating the activation and differentiation of a wide variety of immune cells and thus are involved in the regulation and interconnection of both innate and adaptive immune response. Activities are controlled by presence or absence of small cytoplasmic adapter proteins, SH2D1A/SAP and/or SH2D1B/EAT-2. Can mediate natural killer(NK) cell cytotoxicity dependent on SH2D1A and SH2D1B(By similarity). Increases proliferative responses of activated T-cells and SH2D1A/SAP does not seem be required for this process. Homophilic interactions enhance interferon gamma/IFNG secretion in lymphocytes and induce platelet stimulation via a SH2D1A-dependent pathway. May serve as a marker for hematopoietic progenitor cells(PubMed:11564780, PubMed:12115647, PubMed:12928397, PubMed:12962726, PubMed:16037392) Required for a prolonged T-cell:B-cell contact, optimal T follicular helper function, and germinal center formation. In germinal centers involved in maintaining B-cell tolerance and in preventing autoimmunity(By similarity). In mast cells negatively regulates high affinity immunoglobulin epsilon receptor signaling; independent of SH2D1A and SH2D1B but implicating FES and PTPN6/SHP-1(PubMed:22068234). In macrophages enhances LPS-induced MAPK phosphorylation and NF-kappaB activation and modulates LPS-induced cytokine secretion; involving ITSM 2(By similarity).

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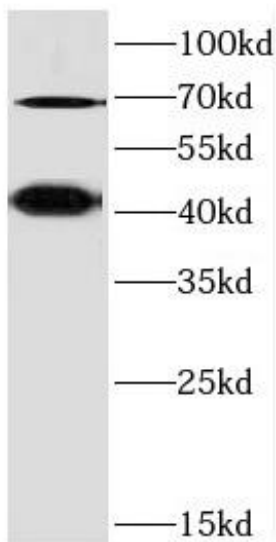
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Immunogen information

Immunogen: CD84 molecule
Synonyms: SLAMF5
Observed MW: 45 kDa, 66-70 kDa
UniprotID : Q9UIB8

Application

Reactivity: Human, Mouse
Tested Application: ELISA, WB
Recommended dilution: WB: 1:500-1:2000
Image:



Raji cells were subjected to SDS PAGE followed by western blot with FNab01503(CD84 antibody) at dilution of 1:3000

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