

Product datasheet for **TA392430**

LY108 (SLAMF6) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:2000~1:5000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human CD352.
Specificity:	CD352 polyclonal antibody detects endogenous levels of CD352 protein.
Formulation:	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 60 kDa
Gene Name:	SLAM family member 6
Database Link:	Entrez Gene 114836 Human Q96DU3



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Background:

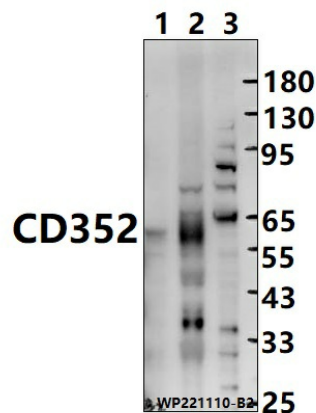
Self-ligand receptor of the signaling lymphocytic activation molecule (SLAM) family. SLAM receptors triggered by homo- or heterotypic cell-cell interactions are modulating the activation and differentiation of a wide variety of immune cells and thus are involved in the regulation and interconnection 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. Triggers cytolytic activity only in natural killer cells (NK) expressing high surface densities of natural cytotoxicity receptors. Positive signaling in NK cells implicates phosphorylation of VAV1. NK cell activation seems to depend on SH2D1B and not on SH2D1A. In conjunction with SLAMF1 controls the transition between positive selection and the subsequent expansion and differentiation of the thymocytic natural killer T (NKT) cell lineage (By similarity). Promotes T-cell differentiation into a helper T-cell Th17 phenotype leading to increased IL-17 secretion; the costimulatory activity requires SH2D1A. Promotes recruitment of RORC to the IL-17 promoter. In conjunction with SLAMF1 and CD84/SLAMF5 may be a negative regulator of the humoral immune response. In the absence of SH2D1A/SAP can transmit negative signals to CD4+ T-cells and NKT cells. Negatively regulates germinal center formation by inhibiting T-cell:B-cell adhesion; the function probably implicates increased association with PTPN6/SHP-1 via ITSMs in absence of SH2D1A/SAP. However, reported to be involved in maintaining B-cell tolerance in germinal centers and in preventing autoimmunity (By similarity).

Synonyms:

Activating NK receptor; CD352; NK-T-B-antigen; NTB-A; SLAM family member 6

Note:

For research use only, not for use in diagnostic procedure.

Product images:


Western blot (WB) analysis of CD352 polyclonal antibody at 1:2000 dilution Lane1:HCT116 whole cell lysate(20ug) Lane2:HuT78 whole cell lysate(24ug) Lane3:MCF-7 cell membrane lysate(30ug)