

SLAM Polyclonal Antibody

Catalog No :	YT5279
Reactivity :	Human;Mouse
Applications :	WB;IHC;IF;ELISA
Target :	SLAM
Fields :	>>Measles
Gene Name :	SLAMF1
Protein Name :	Signaling lymphocytic activation molecule
Human Gene Id :	6504
Human Swiss Prot No :	Q13291
Mouse Gene Id :	27218
Mouse Swiss Prot No :	Q9QUM4
Immunogen :	The antiserum was produced against synthesized peptide derived from the Internal region of human SLAMF1. AA range:81-130
Specificity :	SLAM Polyclonal Antibody detects endogenous levels of SLAM protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC: 1:100-300 ELISA: 1:20000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability : -15°C to -25°C/1 year (Do not lower than -25°C)

Observed Band : 37kD

Background : domain: The most membrane-proximal SH2-binding motif interacts with SH2 domain of SH2D1A and does not need to be phosphorylated on tyrosine residues., function: High-affinity self-ligand important in bidirectional T-cell to B-cell stimulation. SLAM-induced signal-transduction events in T-lymphocytes are different from those in B-cells. Two modes of SLAM signaling are likely to exist: one in which the inhibitor SH2D1A acts as a negative regulator and another in which protein-tyrosine phosphatase 2C (PTPN11)-dependent signal transduction operates., PTM: Phosphorylated by FYN., similarity: Contains 1 Ig-like C2-type (immunoglobulin-like) domain., similarity: Contains 1 Ig-like V-type (immunoglobulin-like) domain., subcellular location: Present on the surface of B-cells and T-cells., subunit: Its cytoplasmic domain interacts with SH2 domain protein 1A (SH2D1A), and with PTPN11. Interacts with INPP5D/SHIP1. Binds to Measles virus HN protein and acts as a receptor for this virus., tissue specificity: Constitutively expressed on peripheral blood memory T-cells, T-cell clones, immature thymocytes, and a proportion of B-cells, and is rapidly induced on naive T-cells after activation.,

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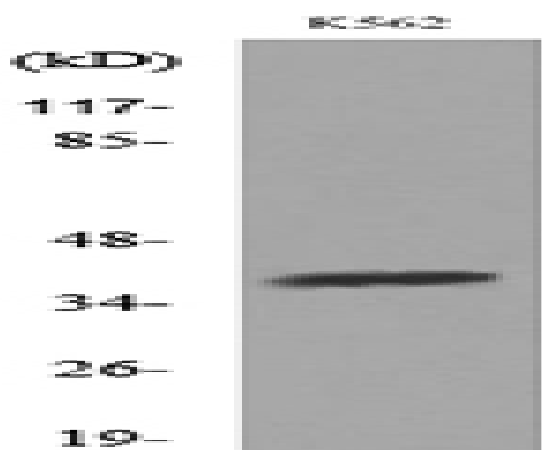
Subcellular Location : Cell membrane ; Single-pass type I membrane protein. Present on the surface of B-cells and T-cells. Located at the plasma membrane contacts between neighboring T-cells (PubMed:11806999). .; [Isoform 3]: Secreted .; [Isoform 4]: Cell membrane . Overexpressed isoform 4 is detected on the cell surface. In glioma cell lines endogenous isoform 4 is detected predominantly in the cytoplasm and colocalized with endoplasmic reticulum and Golgi markers. .

Expression : Constitutively expressed on peripheral blood memory T-cells, T-cell clones, immature thymocytes and a proportion of B-cells, and is rapidly induced on naive T-cells after activation (PubMed:7617038). Activated B-cells express isoform 1, isoform 3 and a cytoplasmic isoform (PubMed:9091591). Isoform 4 is expressed in B-cells, primary T-cells, dendritic cells and macrophages. Isoform 4 is expressed in tumors of the central nervous system (PubMed:25710480).

Products Images



Western Blot analysis of K562 cells using SLAM Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western blot analysis of lysate from K562 cells, using SLAMF1 Antibody.