

Anti-CD150/SLAM Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

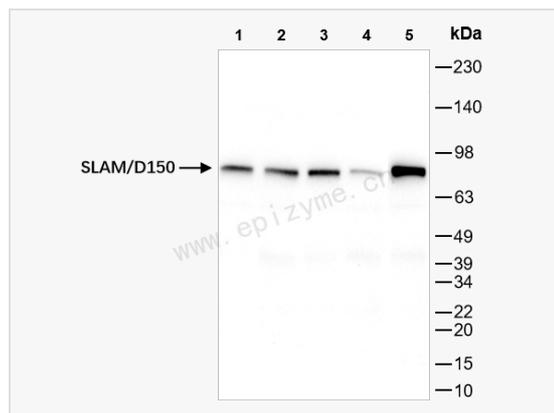
Catalog # R015809

Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	27A42D42
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human SLAM
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-CD150/SLAM Rabbit mAb [27A42D42] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	CD150; SLAM; SLAMF1; Signaling lymphocytic activation molecule; CDw150; IPO-3; SLAM family member 1.
Calculated MW	Calculated MW: 37 kDa; Observed MW: 80 kDa
Uniprot ID	Q13291
Gene ID	6504
Background	Enables SH2 domain binding activity and identical protein binding activity. Involved in several processes, including negative regulation of CD40 signaling pathway; negative regulation of cytokine production; and positive regulation of MAPK cascade. Located in extracellular exosome. [provided by Alliance of Genome Resources, Apr 2022]
Cellular 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.
Tissue Location	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).



Western Blot - Anti-CD150/SLAM Rabbit mAb [27A42D42]

All lanes: R015809 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 4: 293T (Human embryonic kidney cell) whole cell lysates

Lane 5: K562 (Human chronic myeloid leukemia cell) whole cell lysates

Lysates/proteins at 10 μ g per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 37 kDa

Observed band size: 80 kDa

Developed using the ECL technique (Cat. No. SQ201).