

For Research Use Only

SLAM/CD150 Monoclonal antibody

Catalog Number: 60043-1-Ig **1 Publications**



Basic Information

Catalog Number: 60043-1-Ig	GenBank Accession Number: BC012602	Purification Method: Thiophilic affinity chromatograph
Size: 150ul , Concentration: 836 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6504	CloneNo.: 5B4G1
Source: mouse	UNIPROT ID: Q13291	Recommended Dilutions: WB 1:1000-1:4000
Isotype: IgM	Full Name: signaling lymphocytic activation molecule family member 1	
Immunogen Catalog Number: AG1386	Calculated MW: 37 kDa	
	Observed MW: 80 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : MJ cells, HUVEC cells, Jurkat cells, Raji cells, Daudi cells
Cited Applications: WB	
Species Specificity: human	
Cited Species: monkey	

Background Information

Signaling lymphocytic activation molecule (SLAM, also known as SLAMF1 or CD150) is a 70-95 kDa transmembrane glycoprotein that belongs to the immunoglobulin gene superfamily. SLAM is 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. SLAM is involved in T cell stimulation and cytokine production, and may play an important role in the regulation of immune responses to pathogens.

Notable Publications

Author	Pubmed ID	Journal	Application
Haofei Song	36552462	Animals (Basel)	WB

Storage

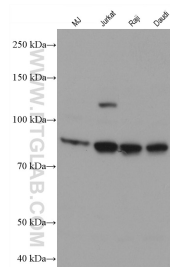
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 60043-1-Ig (SLAM/CD150 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.