

For Research Use Only

# SLAM/CD150 Polyclonal ANTIBODY



Catalog Number: 10949-2-AP

## Basic Information

Catalog Number:  
10949-2-AP

Size:  
46 µg/150 µl

Source:  
Rabbit

Isotype:  
IgG

Purification Method:  
Antigen affinity purification

Immunogen Catalog Number:  
AG1386

GenBank Accession Number:  
BC012602

GeneID (NCBI):  
6504

Full Name:  
signaling lymphocytic activation molecule  
family member 1

Calculated MW:  
37 kDa

Observed MW:  
70 kDa

Recommended Dilutions:  
WB 1:200-1:1000

## Applications

Tested Applications:  
WB, ELISA

Species Specificity:  
human

**Note: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

WB : Jurkat cells; human placenta tissue

## 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
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## 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

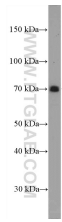
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## Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 10949-2-APY SLAMFCD150 antibody at dilution of 1:300 incubated at room temperature for 1.5 hours