

For Research Use Only

CD229/SLAMF3 Polyclonal antibody

Catalog Number: 31717-1-AP



Basic Information

Catalog Number: 31717-1-AP	GenBank Accession Number: BC121049	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 ug/ml by Nanodrop;	GeneID (NCBI): 4063	Recommended Dilutions: WB 1:2000-1:16000
Source: Rabbit	UNIPROT ID: Q9HBG7	
Isotype: IgG	Full Name: lymphocyte antigen 9	
Immunogen Catalog Number: AG34617	Observed MW: 90 kDa, 110 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : U266 cells,
Species Specificity: human	

Background Information

Signaling lymphocytic activation molecule 3 (SLAMF3), also known as CD229 or Ly9, is a type I transmembrane glycoprotein that belongs to the SLAM family receptors (PMID: 10970093; 15905546). It is composed of an extracellular region, which consists of four Ig-like domains, a transmembrane region, and a cytoplasmic tail, which includes two immunoreceptor tyrosine-based signaling motifs (ITSMs) and other tyrosine residues that act as binding sites for the SH2 structural domains (PMID: 8537117; 11369645; 38626547). SLAMF3 is mainly expressed in immune cells, such as T, B, and natural killer cells, and it is involved in the fundamental activation and suppression of these immune cells, as well as the regulation of complex immune networks (PMID: 38626547).

Storage

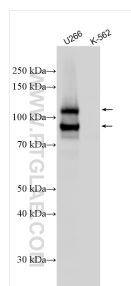
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31717-1-AP (SLAMF3/CD229 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.