

CD229/SLAMF3 Polyclonal antibody

Catalog Number: 31717-1-AP

Basic Information

Catalog Number:

31717-1-AP

Size:

550 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34617

GenBank Accession Number:

BC121049

GeneID (NCBI):

4063

UNIPROT ID:

Q9HBG7

Full Name:

lymphocyte antigen 9

Observed MW:

90 kDa, 110 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:16000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : U266 cells,

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:

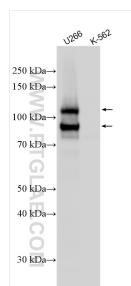
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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.