

Siglec-12 Polyclonal antibody

Catalog Number: 13964-1-AP

Basic Information

Catalog Number:

13964-1-AP

Size:

650 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4939

GenBank Accession Number:

BC035809

GeneID (NCBI):

89858

UNIPROT ID:

Q96PQ1

Full Name:

sialic acid binding Ig-like lectin 12

Calculated MW:

595 aa, 65 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat, pig

Positive Controls:

WB : mouse spleen tissue, rat spleen tissue, pig spleen tissue

Background Information

Sialic acid-binding immunoglobulin-like lectins (SIGLECs) are a family of cell surface proteins belonging to the immunoglobulin superfamily that contain sialoside-binding N-terminal domains (PMID: 22749793). Sialic acid binding Ig-like lectin 12 (Siglec-12, also known as S2V, SLG, SIGLECL1, and Siglec-XII) is a member of the SIGLEC3-like subfamily of SIGLECs, which is highly expressed in the spleen, such as CD8+ cells, macrophages, neutrophils, and dendritic cells. It mediates sialic-acid-dependent binding to cells and could be an identification of therapeutic targets and prognostic biomarkers of sarcomas (PMID: 38182638).

Storage

Storage:

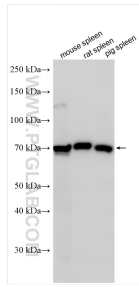
Store at -20°C. Stable for one year after shipment.

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 13964-1-AP (SIGLEC12 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.