

SIGLEC5 Rabbit pAb

Catalog No.: A4250

Basic Information

Observed MW

70kDa

Calculated MW

61kDa

Category

Primary antibody

Applications

WB,ELISA

Cross-Reactivity

Mouse

Background

This gene encodes a member of the sialic acid-binding immunoglobulin-like lectin (Siglec) family. These cell surface lectins are characterized by structural motifs in the immunoglobulin (Ig)-like domains and sialic acid recognition sites in the first Ig V set domain. The encoded protein is a member of the CD33-related subset of Siglecs and inhibits the activation of several cell types including monocytes, macrophages and neutrophils. Binding of group B Streptococcus (GBS) to the encoded protein plays a role in GBS immune evasion.

Recommended Dilutions

WB 1:500 - 1:1000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

8778

Swiss Prot

O15389

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 17-434 of human SIGLEC5 (NP_003821.1).

Synonyms

CD170; OBBP2; CD33L2; OB-BP2; SIGLEC-5; SIGLEC5

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

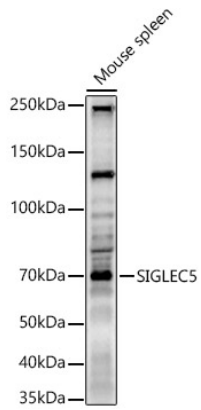
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

Validation Data



Western blot analysis of lysates from Mouse spleen, using SIGLECS Rabbit pAb (A4250) at 1:800 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.