

SIGLEC3/CD33 Rabbit mAb

Catalog No.: A27466 **Recombinant**

Basic Information

Observed MW

70-100 kDa

Calculated MW

40 kDa/34 kDa/25 kDa

Category

Primary antibody

Applications

WB,IP,IHC-P,ELISA

Cross-Reactivity

Human

CloneNo number

ARC3486

Background

Enables protein phosphatase binding activity; protein tyrosine phosphatase activator activity; and sialic acid binding activity. Involved in several processes, including immune response-regulating signaling pathway; negative regulation of cytokine production; and negative regulation of monocyte activation. Located in Golgi apparatus; external side of plasma membrane; and peroxisome.

Recommended Dilutions

WB 1:2000 - 1:10000

IP 0.5 µg - 4 µg antibody for
400 µg - 600 µg extracts of
whole cells

IHC-P 1:100 - 1:400

ELISA Recommended starting
concentration is 1 µg/mL.
Please optimize the
concentration based on your
specific assay requirements.
For high-ratio antibody
dilutions ($\geq 1:10000$) a
sequential dilution method
is strongly recommended to
ensure measurement
accuracy.

Immunogen Information

Gene ID

945

Swiss Prot

P20138

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

p67; SIGLEC3; SIGLEC-3; CD33rSiglec

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

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

Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

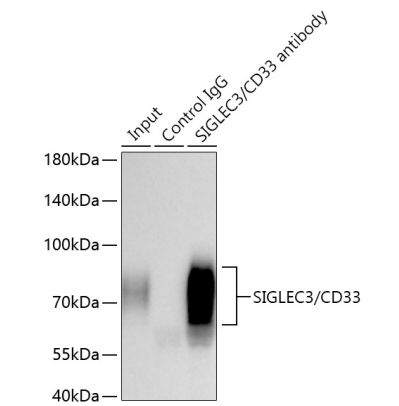
Contact

☎ | 400-999-6126

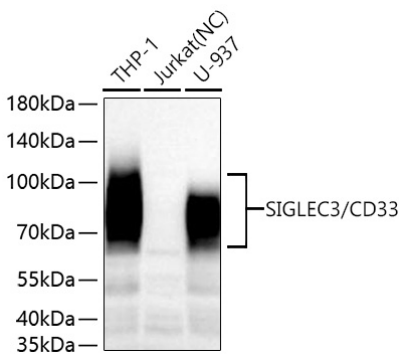
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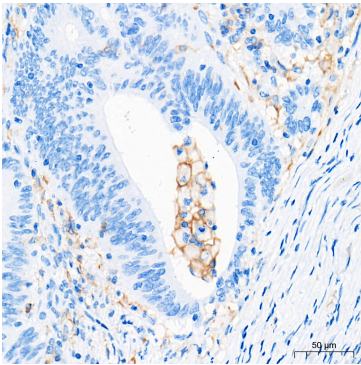
Validation Data



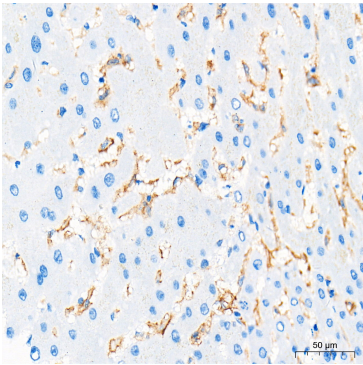
Immunoprecipitation of SIGLEC3/CD33 from 400 µg extracts of THP-1 cells was performed using 1 µg of SIGLEC3/CD33 Rabbit mAb (A27466). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using SIGLEC3/CD33 Rabbit mAb (A27466) at a dilution of 1:2000.



Western blot analysis of various lysates using SIGLEC3/CD33 Rabbit mAb (A27466) at 1:5000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Negative control (NC): Jurkat. Exposure time: 45 s.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using SIGLEC3/CD33 Rabbit mAb (A27466) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human liver tissue using SIGLEC3/CD33 Rabbit mAb (A27466) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.