

# CD33 Rabbit mAb

Catalog No.: A22704 **Recombinant**

## Basic Information

### Observed MW

70-80kDa

### Calculated MW

40kDa

### Category

Primary antibody

### Applications

WB, ELISA

### Cross-Reactivity

Human

### CloneNo number

ARC57811

## Background

Enables protein phosphatase binding activity and sialic acid binding activity. Involved in several processes, including negative regulation of cytokine production; negative regulation of monocyte activation; and positive regulation of protein tyrosine phosphatase activity. Located in several cellular components, including Golgi apparatus; external side of plasma membrane; and peroxisome.

## Recommended Dilutions

**WB** 1:2000 - 1:8000

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

## Immunogen Information

### Gene ID

945

### Swiss Prot

P20138

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

p67; SIGLEC3; SIGLEC-3; CD33

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

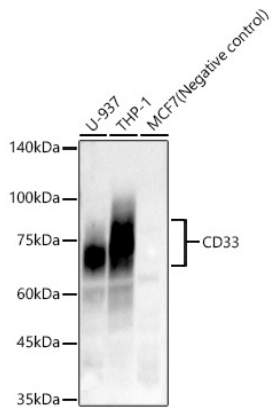
### Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data

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Western blot analysis of various lysates, using CD33 Rabbit mAb (A22704) at 1:7000 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 Enhanced Kit (RM00021).  
Exposure time: 180s.