

# Rabbit anti-Human SIGLEC5 mAb(DET)

**Catalog No.: RM18042**

## Basic Information

**Catalog No.**  
RM18042

**Category**  
Elisa Antibody Kit

**Application**  
ELISA

## Product Information

**Ig Type**  
Rabbit IgG


**Purification**  
Affinity purification


**Endotoxin Level**

**Storage**  
This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.  
Preservative 0.05% ProClin 300.  
**Avoid repeated freeze-thaw cycles.**

**Formulation**  
Supplied as a 0.2 µm filtered solution in PBS with 0.05% ProClin 300, pH 7.4 containing Human NEFL Antibody.

## Contact

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## Background

Siglecs are I-type (Ig-type) lectins belonging to the Ig superfamily. They are characterized by an N-terminal, Ig-like V-type domain that mediates sialic acid binding, followed by varying numbers of Ig-like C2-type domains (2 to 17), a single transmembrane region, and a cytoplasmic tail. The siglecs can be broadly classified into two subgroups: Siglecs-1, -2, and -4, and a Siglec-3/CD33-related subgroup (Siglecs-3, and -5 through -13 in primates) defined by sequence similarity and clustered gene localization. They are widely expressed on hematopoietic cells, often in a cell-type-specific manner, and Siglec-4/MAG is a myelin component in Schwann cells and oligodendrocytes. Their ligands, sialic acids, are negatively charged monosaccharides found on cell-surface glycoproteins and glycolipids. Although Siglec functions continue to be defined, most have intracellular immunoreceptor tyrosine-based inhibitory motifs (ITIM), implicating them in the suppression of immunoreceptor signaling. They may also participate in cell/cell interactions o...

## Immunogen Information

**Immunogen**  
Recombinant Human SIGLEC5

## Cross-Reactivity

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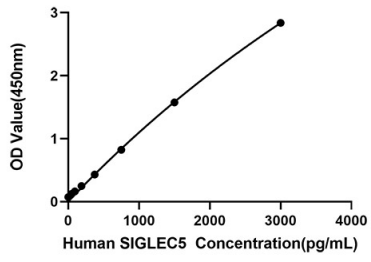
## Assay Applications

Human SIGLEC5 Sandwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	1-4 µg/mL	Rabbit anti-Human BD-1 mAb(CAP)(Cat. No. RM18041)
ELISA Detection	0.025-0.1 µg/mL	Rabbit anti-Human BD-1 mAb(DET)(Cat. No. RM18042)
Standard	46.88-3000 pg/mL	Recombinant Human SIGLEC5 Protein(Cat. No. RP01256)

## Validation Data

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This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.