

## Rabbit SIGLEC15 Polyclonal Antibody | anti-SIGLEC15 antibody

SIGLEC15 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA39667  | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Western Blot, ELISA |

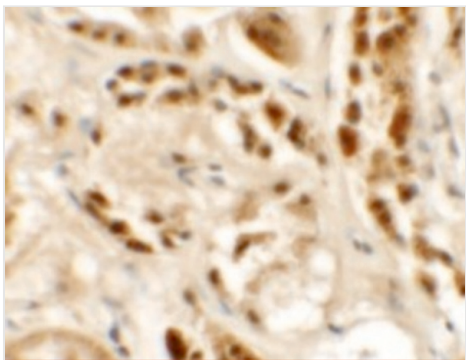
### PRODUCT SYNONYMS

SIGLEC15; Polyclonal Antibody; SIGLEC15 Antibody; CD33L3; HsT1361; SIGLEC-15; Sialic acid-binding Ig-like lectin 15; CD33 antigen-like 3; Siglec-15; sialic acid binding Ig-like lectin 15; anti-SIGLEC15 antibody

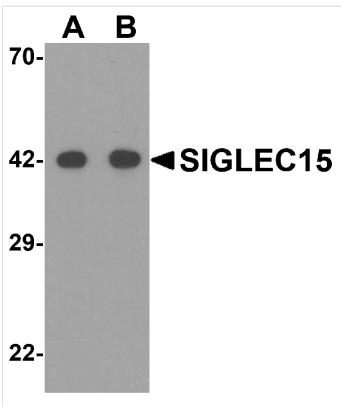
### PRODUCT SPECIFICATIONS

|                                                    |                                                                                                                                                                                                                                                                |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                               | Rabbit                                                                                                                                                                                                                                                         |
| Reactivity                                         | Human, Mouse, Rat                                                                                                                                                                                                                                              |
| Clonality                                          | Polyclonal                                                                                                                                                                                                                                                     |
| Isotype                                            | IgG                                                                                                                                                                                                                                                            |
| Specificity                                        | SIGLEC15 antibody is predicted to not cross-react with other SIGLEC family members.                                                                                                                                                                            |
| Purity/Purification                                | SIGLEC15 Antibody is affinity chromatography purified via peptide column.                                                                                                                                                                                      |
| Form/Format                                        | Liquid; SIGLEC15 Antibody is supplied in PBS containing 0.02% sodium azide.                                                                                                                                                                                    |
| Concentration                                      | 1 mg/mL (varies by lot)                                                                                                                                                                                                                                        |
| Sequence Length                                    | 328                                                                                                                                                                                                                                                            |
| Applicable Applications for anti-SIGLEC15 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                                                                                                                                                                           |
| Immunogen                                          | SIGLEC15 antibody was raised against a 15 amino acid synthetic peptide near the amino terminus of human SIGLEC15.<br>The immunogen is located within amino acids 50-100 of SIGLEC15.                                                                           |
| Positive Control                                   | 1) Human Kidney Tissue Lysate<br>2) Human Kidney Tissue Slide                                                                                                                                                                                                  |
| Preparation and Storage                            | SIGLEC15 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |

IMAGES



IHC (Immunohistochemistry)  
Immunohistochemistry of SIGLEC15 in human kidney tissue with SIGLEC15 antibody at 2.5 &#956;g/mL.



WB (Western Blot)  
SIGLEC15 Antibody

ADDITIONAL INFORMATION

|                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SIGLEC15 antibody | SIGLEC15 Antibody: Siglecs are vertebrate cell-surface lectins that recognize sialylated glycans and are involved in many physiological processes, such as glycoprotein turnover, cellular trafficking, and pathogen recognition. Most Siglecs are expressed on cells of the immune system. SIGLEC15 is a type-I transmembrane protein consisting of two immunoglobulin (Ig)-like domains, a transmembrane domain containing a lysine residue, and a short cytoplasmic tail. SIGLEC15 can interact with the activating adaptor molecules DAP12/10. Its activating signaling potential and unique preference for glycan recognition implies that SIGLEC15 may be involved in the immune surveillance of tumors and probably plays a conserved, regulatory role in the immune system of vertebrates. |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| NCBI GI #                        | 47106069                                                                         |
| NCBI GeneID                      | 284266                                                                           |
| NCBI Accession #                 | NP_998767                                                                        |
| NCBI GenBank Nucleotide #        | NM_213602.2                                                                      |
| UniProt Accession #              | Q6ZMC9; A8K2Y5; B4DVQ9                                                           |
| Molecular Weight                 | Predicted MW: 36kDa<br>Observed MW: 42kDa                                        |
| NCBI Official Full Name          | sialic acid-binding Ig-like lectin 15                                            |
| NCBI Official Synonym Full Names | sialic acid binding Ig-like lectin 15                                            |
| NCBI Official Symbol             | SIGLEC15                                                                         |
| NCBI Official Synonym Symbols    | CD33L3; HsT1361; SIGLEC-15                                                       |
| NCBI Protein Information         | sialic acid-binding Ig-like lectin 15; CD33 antigen-like 3; CD33 molecule-like 3 |
| UniProt Protein Name             | Sialic acid-binding Ig-like lectin 15                                            |
| UniProt Gene Name                | SIGLEC15                                                                         |
| UniProt Synonym Gene Names       | CD33L3; Siglec-15                                                                |
| UniProt Entry Name               | SIG15_HUMAN                                                                      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

