

## Rabbit anti-Human SIGLEC10 Polyclonal Antibody | anti-SIGLEC10 antibody

SIGLEC10 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                    |
|-----------|--------|------------|-------------------------------------------------|
| AAA234674 | Rabbit | Human      | Immunofluorescence, Immunohistochemistry, ELISA |

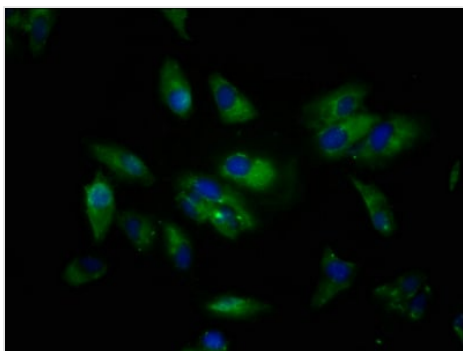
### PRODUCT SYNONYMS

SIGLEC10; Polyclonal Antibody; SIGLEC10 Antibody; Sialic acid-binding Ig-like lectin 10; Siglec-10; Siglec-like protein 2; SLG2; UNQ477/PRO940; anti-SIGLEC10 antibody

### PRODUCT SPECIFICATIONS

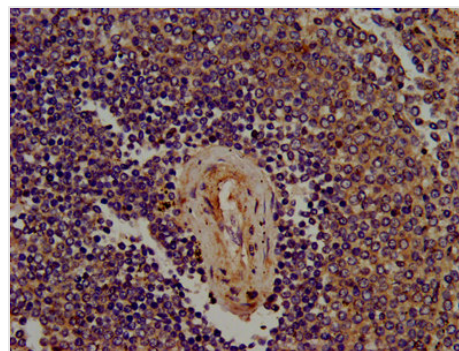
|                                                    |                                                                                  |
|----------------------------------------------------|----------------------------------------------------------------------------------|
| Host                                               | Rabbit                                                                           |
| Reactivity                                         | Human                                                                            |
| Clonality                                          | Polyclonal                                                                       |
| Isotype                                            | IgG                                                                              |
| Purity/Purification                                | >95%, Protein G purified                                                         |
| Form/Format                                        | Liquid                                                                           |
| Sequence Length                                    | 639                                                                              |
| Applicable Applications for anti-SIGLEC10 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA                       |
| Immunogen                                          | Recombinant Human Sialic acid-binding Ig-like lectin 10 protein (572-697AA)      |
| Conjugation                                        | Non-conjugated                                                                   |
| Buffer                                             | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4 |
| Preparation and Storage                            | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.      |

### IMAGES



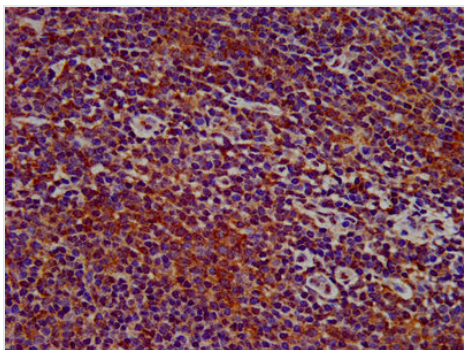
#### IHC (Immunohistochemistry)

Immunofluorescence staining of HeLa cells with AAA234674 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



#### IHC (Immunohistochemistry)

IHC image of AAA234674 diluted at 1:400 and staining in paraffin-embedded human spleen tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



#### IHC (Immunohistochemistry)

IHC image of AAA234674 diluted at 1:400 and staining in paraffin-embedded human lymph node tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

## ADDITIONAL INFORMATION

|                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-SIGLEC10 antibody</b> | Putative adhesion molecule that mediates sialic-acid dependent binding to cells. Preferentially binds to alpha-2, 3- or alpha-2, 6-linked sialic acid. The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface. In the immune response, may act as an inhibitory receptor upon ligand induced tyrosine phosphorylation by recruiting cytoplasmic phosphatase(s) via their SH2 domain(s) that block signal transduction through dephosphorylation of signaling molecules. |
| <b>Product Categories/Family for anti-SIGLEC10 antibody</b>   | <a href="#">Tags &amp; Cell Markers</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

## NCBI AND UNIPROT INFORMATION

|                                         |                                                                                |
|-----------------------------------------|--------------------------------------------------------------------------------|
| <b>NCBI GI #</b>                        | 283837876                                                                      |
| <b>NCBI GeneID</b>                      | 89790                                                                          |
| <b>NCBI Accession #</b>                 | NP_001164627.1                                                                 |
| <b>NCBI GenBank Nucleotide #</b>        | NM_001171156.1                                                                 |
| <b>UniProt Accession #</b>              | Q96LC7; Q3MIR5; Q6UXI8; Q96G54; Q96LC8; A8K1I5; A8K3C7; C9JJ33; C9JM10; F8W917 |
| <b>Molecular Weight</b>                 | 57,486 Da                                                                      |
| <b>NCBI Official Full Name</b>          | sialic acid-binding Ig-like lectin 10 isoform 2                                |
| <b>NCBI Official Synonym Full Names</b> | sialic acid binding Ig like lectin 10                                          |
| <b>NCBI Official Symbol</b>             | SIGLEC10                                                                       |
| <b>NCBI Official Synonym Symbols</b>    | SLG2; PRO940; SIGLEC-10                                                        |
| <b>NCBI Protein Information</b>         | sialic acid-binding Ig-like lectin 10                                          |
| <b>UniProt Protein Name</b>             | Sialic acid-binding Ig-like lectin 10                                          |
| <b>UniProt Gene Name</b>                | <b>SIGLEC10</b>                                                                |
| <b>UniProt Synonym Gene Names</b>       | SLG2; Siglec-10                                                                |

**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.