

**Siglec-5/14 Polyclonal Antibody**  
**Catalog # AP73453****Specification****Siglec-5/14 Polyclonal Antibody - Product Information**

Application	WB, IHC-P
Primary Accession	<a href="#">O15389</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

**Siglec-5/14 Polyclonal Antibody - Additional Information****Gene ID 8778****Other Names**

SIGLEC5; CD33L2; OBBP2; Sialic acid-binding Ig-like lectin 5; Siglec-5; CD33 antigen-like 2; Obesity-binding protein 2; OB-BP2; OB-binding protein 2; CD170; SIGLEC14; Sialic acid-binding Ig-like lectin 14; Siglec-14

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications.  
IHC-P~~N/A

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**Siglec-5/14 Polyclonal Antibody - Protein Information****Name SIGLEC5****Synonyms** CD33L2, OBBP2**Function**

Putative adhesion molecule that mediates sialic-acid dependent binding to cells. Binds equally to alpha-2,3-linked and 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.

**Cellular Location**

Membrane; Single-pass type I membrane protein.

**Tissue Location**

Expressed by monocytic/myeloid lineage cells. Found at high levels in peripheral blood leukocytes, spleen, bone marrow and at lower levels in lymph node, lung, appendix, placenta, pancreas and

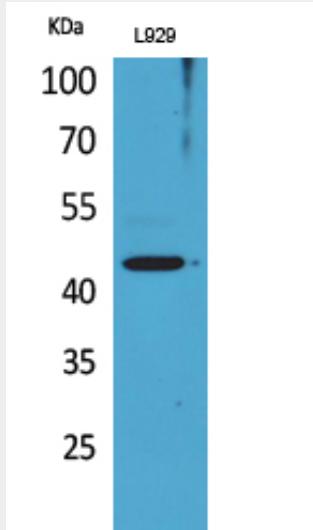
thymus. Expressed by monocytes and neutrophils but absent from leukemic cell lines representing early stages of myelomonocytic differentiation

### Siglec-5/14 Polyclonal Antibody - Protocols

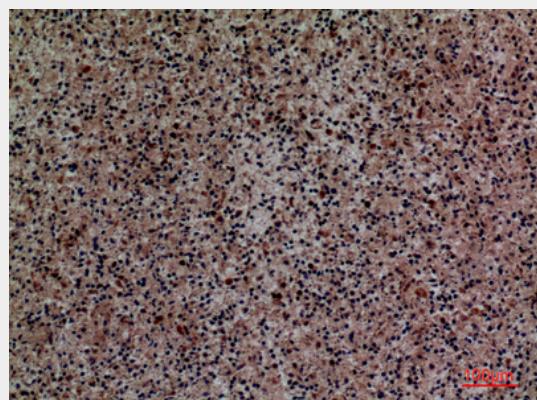
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

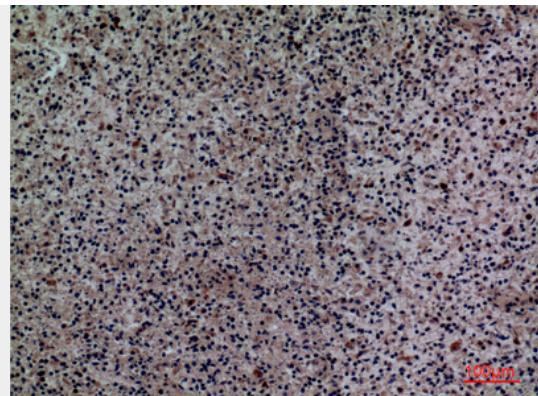
### Siglec-5/14 Polyclonal Antibody - Images



Western Blot analysis of L929 cells using Siglec-5/14 Polyclonal Antibody. Antibody was diluted at 1:1000. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-spleen, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-spleen, antibody was diluted at 1:100

#### **Siglec-5/14 Polyclonal Antibody - Background**

Putative adhesion molecule that mediates sialic-acid dependent binding to cells. Binds equally to alpha-2,3-linked and 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.