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SIGLEC15 Antibody
Catalog # ASC12190

Specification

SIGLEC15 Antibody - Product Information

Application	**WB, E**
Primary Accession	Q6ZMC9
Other Accession	NP_998767
Reactivity	**Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Calculated MW	**Predicted: 36kD** **Observed: 34-36kD KDa**

SIGLEC15 Antibody - Additional Information

Gene ID	**284266**
Alias Symbol	**SIGLEC15**

Other Names
SIGLEC15 Antibody: CD33L3, HsT1361, SIGLEC-15, CD33L3, Sialic acid-binding Ig-like lectin 15, CD33 antigen-like 3, Siglec-15

Reconstitution & Storage
SIGLEC15 antibody can be stored at 4˚C for three months and -20˚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.

Precautions
SIGLEC15 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

SIGLEC15 Antibody - Protein Information

Name SIGLEC15

Synonyms CD33L3

Function
Binds sialylated glycoproteins.

Cellular Location
Membrane; Single-pass type I membrane protein.

Tissue Location
Expressed in macrophage and/or dendritic cells of spleen and lymph nodes

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SIGLEC15 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 Cytomety
- Cell Culture

SIGLEC15 Antibody - Images

SIGLEC15 Antibody - Background

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.

SIGLEC15 Antibody - References

Crocker and Redelinghuys. Biochem. Soc. Trans. 2008; 36:1467-71.Angata et al. Glycobiology 2007; 17:838-46.Hiruma et al. Biochem. Biophys. Res. Commun. 2011; 409:424-9.