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Datasheet

SIGLEC5 polyclonal antibody

Catalog Number: PAB31413

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against partial recombinant human SIGLEC5.

Immunogen: Recombinant protein corresponding to human SIGLEC5.

Sequence:
KARRKQAAGRPEKMDDEDPIMGTITSGSRKKPWPDS
AGDQASPPGDAPPLEEQKELHYASLSFSEMKSREPKD
QEAPSTTEYSEIKTSK

Host: Rabbit

Reactivity: Human

Applications: IHC-P, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Liquid

Purification: Antigen affinity purification

Isotype: IgG

Recommend Usage: Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20-1:50)
Western Blot (1:100-1:250)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).

Storage Instruction: Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 8778

Gene Symbol: SIGLEC5

Gene Alias: CD170, CD33L2, OB-BP2, OBBP2, SIGLEC-5

Gene Summary: The sialic acid-binding immunoglobulin-like lectins (SIGLECs), such as SIGLEC5, are a subgroup of the immunoglobulin (Ig) superfamily that mediate protein-carbohydrate interactions. They specifically interact with sialic acids in glycoproteins and glycolipids, with each SIGLEC having a particular preference for both the nature of the sialic acid and its glycosidic linkage to adjacent sugars. SIGLECs have similar structures, including extracellular Ig-like domains composed of an N-terminal V-set domain followed by varying numbers of C2-set domains. It appears that all SIGLECs have an unusual arrangement of conserved cysteine residues in the V-set and adjacent C2-set domains. Most SIGLECs are expressed uniquely within the hematopoietic system (Cornish et al., 1998 [PubMed 9731071]).[supplied by OMIM]