



Human SIGLEC12 blocking peptide (CDBP2674)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-SIGLECL1 antibody
Antigen Description	Sialic acid-binding immunoglobulin-like lectins (SIGLECs) are a family of cell surface proteins belonging to the immunoglobulin superfamily. They mediate protein-carbohydrate interactions by selectively binding to different sialic acid moieties present on glycolipids and glycoproteins. This gene encodes a member of the SIGLEC3-like subfamily of SIGLECs. Members of this subfamily are characterized by an extracellular V-set immunoglobulin-like domain followed by two C2-set immunoglobulin-like domains, and the cytoplasmic tyrosine-based motifs ITIM and SLAM-like. The encoded protein, upon tyrosine phosphorylation, has been shown to recruit the Src homology 2 domain-containing protein-tyrosine phosphatases SHP1 and SHP2. It has been suggested that the protein is involved in the negative regulation of macrophage signaling by functioning as an inhibitory receptor. This gene is located in a cluster with other SIGLEC3-like genes on 19q13.4. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	SIGLEC12 sialic acid binding Ig-like lectin 12 (gene/pseudogene) [Homo sapiens (human)]
Official Symbol	SIGLEC12
Synonyms	SIGLEC12; sialic acid binding Ig-like lectin 12 (gene/pseudogene); S2V; SLG; SIGLECL1; Siglec-XII; sialic acid-binding Ig-like lectin 12; SIGLEC-like 1; sialic acid-binding Ig-like lectin-like 1;
Entrez Gene ID	89858
mRNA Refseq	NM_033329.2
Protein Refseq	NP_201586.1
UniProt ID	Q96PQ1
Chromosome Location	19q13.4