



## Rabbit Anti-SIGLECL1 antibody

SL17487R

<b>Product Name:</b>	SIGLECL1
<b>Chinese Name:</b>	唾液酸结合性免疫球蛋白样凝集素12抗体
<b>Alias:</b>	FLJ38600; S2V; sialic acid binding Ig-like lectin 12 (gene/pseudogene); Sialic acid-binding Ig-like lectin 12; Sialic acid-binding Ig-like lectin-like 1; Sialic acid-binding immunoglobulin-like lectins; SIG12_HUMAN; Siglec-12; Siglec-L1; SIGLEC-like 1; SIGLEC-like gene; SIGLEC-like protein 1; Siglec-XII; Siglec12; SLG.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	65kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human SIGLECL1:81-180/827<Extracellular>
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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]

**Function:**

Putative adhesion molecule that mediates sialic-acid dependent binding to cells. The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface.

**Subcellular Location:**

Membrane.

**Tissue Specificity:**

Isoform Short is highly expressed in spleen, small intestine and adrenal gland; it is lower expressed in thyroid, placenta, brain, stomach, bone marrow, spinal chord and breast. Isoform Long is highly expressed in spleen, small intestine and bone marrow; it is lower expressed in thyroid, placenta, thymus, trachea, stomach, lung, adrenal gland, fetal brain and testis.

**Similarity:**

Belongs to the immunoglobulin superfamily. SIGLEC (sialic acid binding Ig-like lectin) family.

Contains 2 Ig-like C2-type (immunoglobulin-like) domains.

Contains 2 Ig-like V-type (immunoglobulin-like) domains.

**SWISS:**

Q96PQ1

**Gene ID:**

89858

**Database links:**

[Entrez Gene: 89858](#) Human

[Entrez Gene: 83382](#) Mouse

[Omim: 606094](#) Human

[SwissProt: Q96PQ1](#) Human

[SwissProt: Q91Y57](#) Mouse

[Unigene: 249741](#) Human

[Unigene: 157702](#) Mouse

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

[www.sunlongbiotech.com](http://www.sunlongbiotech.com)