

DNAxPAb

Hard-to-Find
Antibody

SIGLEC12 DNAxPab

Catalog # H00089858-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SIGLEC12 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MLLLLLLLPPLLCGRVGAKQKDYLLTMQKSVTVQEGLCVSVLCFSYPQNGWTASDPVHGYWF RAGDHVSRNIPVATNNPARAVQEEETRDRFHLLGDPQNKDCTLSIRDRTRESDAGTYVFCVERGNM KWNKYDQLSVNVTASQDLLSRYLEVPESVTVQEGLCVSVPCSVLYPHYNWTASSPVYGSWF KEGADIPWDIPVATNTPSGKVQEDTHGRFLLLGDPQTNNCSLSIRDARKGDSGKYFQVERGSRK WNYIDKLSVHVTALTHMPTFSIPGTLESGHPRNLTCVWPWACEQGTPTITWMGASVSSLDPTIT RSSMLSLIPQPQDHGTSLTQVTLPGAGVTMTRAVRLNISYPPQNLMTVFQGDGTASTTLRNGS ALSVLEGQSLHLVCAVDSNPPARLSWTWGSLTLSPSQSSNLGVLELPRVHVKDEGEFTCRAQN PLGSQHISLSLSLQNEYTGKMRPISGVTLGAFGGAGATALVFLYFCIIFVVVRSCRKKSARPAVGVG DTGMEDANAVRGASASQGPLIESPADDSPPHHAPPALATPSPEEGEIQYASLSFHKARPQYPQEQ EAIGYEYSEINIPK
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — SIGLEC12

Entrez GeneID [89858](#)

GeneBank Accession# [NM_053003.2](#)

Protein Accession# [NP_443729.1](#)

Gene Name SIGLEC12

Gene Alias FLJ38600, S2V, SIGLECL1, SLG, Siglec-12, Siglec-L1, Siglec-XII

Gene Description sialic acid binding Ig-like lectin 12

Omim ID [606094](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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. Alternatively spliced transcript variants encoding distinct isoforms have been described for this gene. [provided by RefSeq]

Other Designations SIGLEC-like 1|sialic acid binding immunoglobulin-like lectin-like protein 1

Disease

- [Cardiovascular Diseases](#)

- [Diabetes Mellitus](#)
- [Edema](#)