



SIG11 Polyclonal Antibody

Catalog No	YP-Ab-07001
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	SIGLEC11 UNQ9222/PRO28718
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	SIG11 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SIG11;TEG 264;Testis-expressed protein 264;TEX 264;SIGLEC11 UNQ9222/PRO28718;Sialic acid-binding Ig-like lectin 11 (Sialic acid-binding lectin 11) (Siglec-11)
Observed Band	37 kDa
Calculated Molecular Weight	313 aa, 34 kDa
Cell Pathway	Membrane; Single-pass type I membrane protein.
Tissue Specificity	Expressed by macrophages in various tissues including Kupffer cells. Also found in brain microglia.
Function	domain:Contains 1 copy of a cytoplasmic motif that is referred to as the immunoreceptor tyrosine-based inhibitor motif (ITIM). This motif is involved in modulation of cellular responses. The phosphorylated ITIM motif can bind the SH2 domain of several SH2-containing phosphatases.,function:Putative adhesion molecule that mediates sialic-acid dependent binding to cells. Preferentially binds to alpha-2,8-linked sialic acid. The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface. In the immune response, may act as an inhibitory receptor upon ligand induced tyrosine phosphorylation by recruiting cytoplasmic phosphatase(s) via their SH2 domain(s) that block signal transduction through dephosphorylation of signaling

molecules.,PTM:Phosphorylated on tyrosine residues.,similarity:Belongs to the immunoglobulin superfamily. SIGLEC (sialic acid

Background

sialic acid binding Ig like lectin 11(SIGLEC11) Homo sapiens This gene encodes a member of the sialic acid-binding immunoglobulin-like lectin family. These cell surface lectins are characterized by structural motifs in the immunoglobulin (Ig)-like domains and sialic acid recognition sites in the first Ig V set domain. This family member mediates anti-inflammatory and immunosuppressive signaling. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images