



FCRL2 Polyclonal Antibody

Catalog No	YP-Ab-07208
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	FCRL2 FCRH2 IFGP4 IRTA4 SPAP1 UNQ9236/PRO31998
Immunogen	Synthesized peptide derived from human protein . at AA range: 130-210
Specificity	FCRL2 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	CD307b;Fc receptor-like protein 2;FCRH2;FcR-like protein 2;IFGP4;FCRL2; FCRL2 FCRH2 IFGP4 IRTA4 SPAP1 UNQ9236/PRO31998;Fc receptor-like protein 2 (FcR-like protein 2) (FcRL2) (Fc receptor homolog 2) (FcRH2) (IFGP family protein 4) (Immunoglobulin receptor translocation-associated protein 4) (SH2 domain-containing phos
Observed Band	60-70 kDa
Calculated Molecular Weight	56 kDa
Cell Pathway	Cell membrane ; Single-pass type I membrane protein .
Tissue Specificity	Expressed in the secondary lymphoid organs, spleen and lymph node. Expression is limited to the mature B-cell lines. Highly expressed in CD19 and within the mantle zones of the tonsil tissue. Isoform 2 is expressed in the spleen, peripheral blood and bone marrow. Isoform 2 and isoform 4 are expressed in B-cell lines. Preferentially expressed in memory B-cells (at protein level).
Function	domain:Contains 2 copies of a cytoplasmic motif that is referred to as the immunoreceptor tyrosine-based inhibitor motif (ITIM). The phosphorylated ITIM motif bind the SH2 domain of PTPN6.,function:May have an regulatory role in normal and neoplastic B cell development.,PTM:Isoform 2 is N- and O-glycosylated, and phosphorylated.,similarity:Contains 4 Ig-like C2-type



(immunoglobulin-like) domains.,subunit:The tyrosine-phosphorylated isoform 2 interacts with PTPN6.,tissue specificity:Expressed in the secondary lymphoid organs, spleen and lymph node. Expression is limited to the mature B-cell lines. Highly expressed in CD19 and within the mantle zones of the tonsil tissue. Isoform 2 is expressed in the spleen, peripheral blood and bone marrow. Isoform 2 and isoform 4 are expressed in B-cell lines. Preferentially expressed in memory B cells (at protein level).,

Background

This gene encodes a member of the immunoglobulin receptor superfamily and is one of several Fc receptor-like glycoproteins clustered on the long arm of chromosome 1. The encoded protein has four extracellular C2-type immunoglobulin domains, a transmembrane domain and a cytoplasmic domain that contains one immunoreceptor-tyrosine activation motif and two immunoreceptor-tyrosine inhibitory motifs. This protein may be a prognostic marker for chronic lymphocytic leukemia. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq, Apr 2009],

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