FCRL4 Monoclonal Antibody

Catalog No	YP-mAb-06865
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	FCRL4 FCRH4 IFGP2 IRTA1
Protein Name	Fc receptor-like protein 4 (FcR-like protein 4) (FcRL4) (Fc receptor homolog 4) (FcRH4) (IFGP family protein 2) (hIFGP2) (Immune receptor translocation-associated protein 1) (CD antigen CD307d)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	FCRL4 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	56kD
Cell Pathway	Cell membrane ; Single-pass type I membrane protein .
Tissue Specificity	Specifically expressed by memory and monocytoid B-cells which populate spleen and lymph nodes. Preferentially expressed in memory B-cells associated with mucosal tissue (at protein level).
Function	disease:A chromosomal aberration involving FCRL4 is found in multiple myeloma (MM). Translocation t(1;14)(q21;q32) that forms a FCRL4-IGHA1 fusion protein.,disease:A chromosomal aberration involving FCRL4 is found in non-Hodgkin lymphoma (NHG). Translocation t(1;1)(p36.3; q21.1-2).,function:May function as an inhibitor of the B cell receptor signaling. May function in the B cell-mediated immune response.,PTM:Phosphorylated on cytoplasmic tyrosines upon activation.,similarity:Contains 4 Ig-like C2-type (immunoglobulin-like) domains.,tissue specificity:Specifically expressed by memory and monocytoid B cells which populate spleen and lymph nodes. Preferentially expressed in memory B cells associated with mucosal tissue (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 three immune-receptor tyrosine-based inhibitory motifs. This protein may play a role in the function of memory B-cells in the epithelia. Aberrations in the chromosomal region encoding this gene are associated with non-Hodgkin lymphoma and multiple myeloma. [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.

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