SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-FcRH2 antibody

Catalog Number: SL16065R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	FcRH2
Immunogen:	KLH conjugated synthetic peptide derived from human FcRH2: 51-150/508 <Extracellular>
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	(predicted: Human)
Predicted MW.:	53kDa
Subcellular Location:	The cell membrane
Background:	The Fc receptor homolog (FcRH) family of proteins are related to the classical Fc receptors (FcR) and belong to the immunoglobulin receptor superfamily. The proteins in the FcRH family are type I transmembrane glycoproteins and consist of FcRH1-FcRH6. The genes encoding the human FcRH proteins map to chromosome 1, near the related FCR genes. The FcRH proteins, which are involved in immune system regulation, have immunoreceptor-tyrosine inhibitory motifs in their cytoplasmic domains. Mutations in the gene encoding for the FcRH proteins may be associated with systemic lupus erythematosus, autoimmune thyroid disease and rheumatoid arthritis. The FcRH genes are expressed primarily, although not exclusively, by mature B lineage cells, and may serve important regulatory roles in normal and neoplastic B cell development. **Function:** May have an regulatory role in normal and neoplastic B cell development.

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

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	Subcellular Location: Cell membrane. **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). **Post-translational modifications:** Isoform 2 is N- and O-glycosylated, and phosphorylated. **Similarity:** Contains 4 Ig-like C2-type (immunoglobulin-like) domains. **Database links:** **Entrez Gene:** 79368 Human Omim: 609251 Human **SwissProt:** Q96LA5 Human **Unigene:** 437393 Human

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