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[Primary Antibody]

Rabbit Anti-FCRL4 antibody

Catalog Number: SL16067R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	FCRL4
Immunogen:	KLH conjugated synthetic peptide derived from human FCRL4: 121-220/515 <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:	IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human)
Predicted MW.:	55kDa
Subcellular Location:	The cell membrane
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] **Function:** May function as an inhibitor of the B-cell receptor signaling. May

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	function in the B-cell-mediated immune response. **Subcellular Location:** Cell membrane. **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). **Post-translational modifications:** Phosphorylated on cytoplasmic tyrosines upon activation DISEASE: Note=A chromosomal aberration involving FCRL4 is found in non-Hodgkin lymphoma (NHG). Translocation t(1;1)(p36.3; q21.1-2). Note=A chromosomal aberration involving FCRL4 is found in multiple myeloma (MM). Translocation t(1;14)(q21;q32) that forms a FCRL4-IGHA1 fusion protein. **Similarity:** Contains 4 Ig-like C2-type (immunoglobulin-like) domains. **Database links:** **Entrez Gene:** 83417 Human Omim: 605876 Human **SwissProt:** Q96PJ5 Human **Unigene:** 120260 Human

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