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Rabbit Anti-FCRL6 antibody

SL16068R

Product Name:	FCRL6
Chinese Name:	FCRL6蛋白抗体
Alias:	Fc receptor homolog 6; Fc receptor-like 6; Fc receptor-like protein 6; Fc receptor-like protein 7; FcR-like protein 6; FcRH6; FcRL6; Fcrl6; FCRL6_HUMAN; FLJ16056; IFGP6; IgSF type I transmembrane receptor; leukocyte receptor.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	46kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FCRL6:231-330/434
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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.

Subunit:
Interacts with PTPN11.

Subcellular Location:
Membrane.

Tissue Specificity:
Expressed by cytolytic cells including NK cells, effector and effector-memory CD8+ T-cells. Expression among T-cells is greatly expanded in HIV-1 infected individuals, and includes not only effector and effector-memory CD8+ T-cells but also populations of CD4+ T-cells.

Post-translational modifications:
Phosphorylated on Tyr residue, inducing association with PTPN11.

Similarity:
Contains 3 Ig-like C2-type (immunoglobulin-like) domains.

SWISS:
Q6DN72

Gene ID:
343413

Database links:

Entrez Gene: 343413 Human

Omim: 613562 Human

SwissProt: Q6DN72 Human

Unigene: 196955 Human

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