

FCRL4 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP9847b

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	Q96PJ5
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB24597
Calculated MW	57224
Antigen Region	480-507

Additional Information

Gene ID	83417
Other Names	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, CD307d, FCRL4, FCRH4, IFGP2, IRTA1
Target/Specificity	This FCRL4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 480-507 amino acids from the C-terminal region of human FCRL4.
Dilution	WB~~1:2000 IHC-P~~1:100~500 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	FCRL4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	FCRL4
Synonyms	FCRH4, IFGP2, IRTA1

Function	May function as an inhibitor of the B-cell receptor signaling. May function in the B-cell-mediated immune response.
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	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)

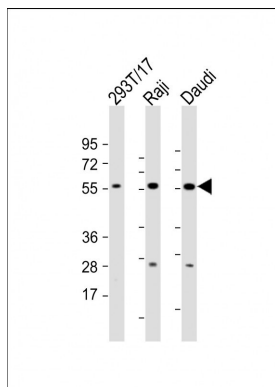
Background

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.

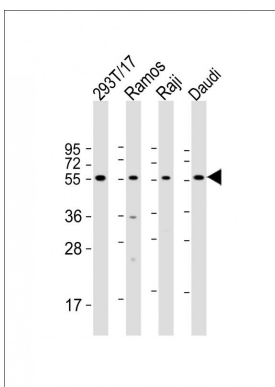
References

Davila, S., et al. Genes Immun. (2010) In press :
Weiss, G.E., et al. J. Immunol. 183(3):2176-2182(2009)
Kazemi, T., et al. Cancer Immunol. Immunother. 58(6):989-996(2009)
Falini, B., et al. Blood 102(10):3684-3692(2003)

Images



All lanes : Anti-FCRL4 Antibody (C-term) at 1:2000 dilution
Lane 1: 293T/17 whole cell lysate Lane 2: Raji whole cell lysate Lane 3: Daudi whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 57 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



All lanes : Anti-FCRL4 Antibody (C-term) at 1:2000 dilution
Lane 1: 293T/17 whole cell lysate Lane 2: Ramos whole cell lysate Lane 3: Raji whole cell lysate Lane 4: Daudi whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 57 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.