

For Research Use Only

FCRL1 Polyclonal antibody, PBS Only

Catalog Number: 33184-1-PBS



Basic Information

Catalog Number:

33184-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG3713

GenBank Accession Number:

BC033690

GeneID (NCBI):

115350

UNIPROT ID:

Q96LA6

Full Name:

Fc receptor-like 1

Calculated MW:

429 aa, 47 kDa

Observed MW:

40 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

Fc receptor-like protein 1 (FCRL1) is a type I transmembrane glycoprotein that plays a crucial role in regulating B-cell receptor (BCR)-mediated signaling responses (PMID:15479727). It contains intracellular tyrosine-based motifs that can modulate BCR signaling, leading to changes in calcium flux, proliferation, and antibody production (PMID: 37822931). FCRL1 is involved in regulating B-cell development and activation, with its signaling pathways influencing ERK activation through interactions with proteins such as GRB2. This regulation is essential for maintaining B-cell homeostasis and preventing the development of autoreactive B cells (PMID: 34697226).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

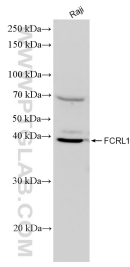
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Raji cells were subjected to SDS PAGE followed by western blot with 33184-1-AP (FCRL1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 33184-1-PBS in a different storage buffer formulation.