

For Research Use Only

FCRL1 Polyclonal antibody, PBS Only

Catalog Number: 33184-1-PBS



Basic Information

Catalog Number: 33184-1-PBS	GenBank Accession Number: BC033690	Purification Method: Antigen affinity Purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 115350	
Source: Rabbit	UNIPROT ID: Q96LA6	
Isotype: IgG	Full Name: Fc receptor-Like 1	
Immunogen Catalog Number: EG3713	Calculated MW: 429 aa, 47 kDa	
	Observed MW: 40 kDa	

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.

Storage Buffer:
PBS only, pH7.3

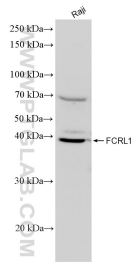
For technical support and original validation data for this product please contact:

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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.