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Anti-CD307e Antibody

Catalog # AP61400

Product Information

Application	WB
Primary Accession	Q96RD9
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	106437

Additional Information

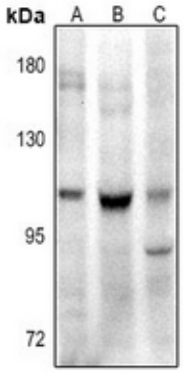
Gene ID	83416
Other Names	FCRH5; IRTA2; Fc receptor-like protein 5; FcR-like protein 5; FcRL5; BXMAS1; Fc receptor homolog 5; FcRH5; Immune receptor translocation-associated protein 2; CD307e
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD307e. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	FCRL5
Synonyms	FCRH5, IRTA2
Function	Plays an important role in B-cell response to antigen that acts both as a negative or positive coreceptor. Inhibits B-cell receptor (BCR) signaling in the absence of CR2 stimulation but engagement with CR2 and the BCR lead to a superior calcium response compared to CR2 and BCR costimulation (PubMed:30107486). May be involved in B-cell development and differentiation in peripheral lymphoid organs and may be useful markers of B-cell stages. May have an immunoregulatory role in marginal zone B-cells. May play a role in fertilization (By similarity).
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Expressed in marginal zone B-cells, immunoblasts, tonsillar germinal center

centrocytes and in the intraepithelial and interfollicular regions of the tonsil. Expressed in many lymphoma cell lines and on hairy cell leukemia cells. Isoform 1, isoform 3, isoform 4 and isoform 5 are detected in lymph node, spleen, bone marrow, and small intestine with preponderance of isoform 3. Expressed in mature and memory B-cells and down-regulated in germinal center cells (at protein level).

Images



Western blot analysis of CD307e expression in Jurkat (A), K562 (B), Myla2059 (C) whole cell lysates. (Predicted band size: 106 kD; Observed band size: 106 kD)

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