10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-CD307e-AcalephFluor488-labled

Catalog # AP101852

Product Information

Application	FC, IF/IC
Primary Accession	Q96RD9
Reactivity	Human
Clonality	Monoclonal
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	Recognizes human CD307e
Dilution	FC~~1:10~50 IF/IC~~N/A
Format	Mouse IgG2a kappa. Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% 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).

Background

AcalephFluor488-labled mouse monoclonal antibody to CD307e

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