

Anti- FcRH5 / IRTA2 / CD307e Reference Antibody (cevostamab)

Recombinant Antibody
Catalog # APR10130

Product Information

Application	FC, Kinetics, Animal Model
Primary Accession	Q96RD9
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	106437

Additional Information

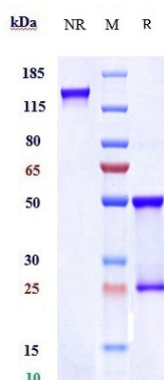
Target/Specificity	FcRH5 / IRTA2 / CD307e
Endotoxin Conjugation	Unconjugated
Expression system	CHO Cell
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

Protein Information

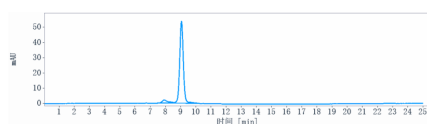
Name	FCRL5
Synonyms	FCRH5, IRTA2
Function	Plays an important role in B-cell response to antigen that acts both as a negative or positive coreceptor. Inhibits B-cell receptor (BCR) signaling in the absence of CR2 stimulation but engagement with CR2 and the BCR lead to a superior calcium response compared 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).

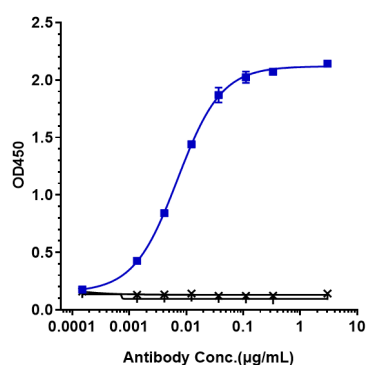
Images



Anti- FcRH5 / IRTA2 / CD307e Reference Antibody (cevostamab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti- FcRH5 / IRTA2 / CD307e Reference Antibody (cevostamab) is more than 91.59% ,determined by SEC-HPLC.



Immobilized human IRTA2 His at 2 µg/mL can bind Anti-FcRH5 / IRTA2 / CD307e Reference Antibody (cevostamab), EC50=0.007032 µg/mL

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