

**Anti- FcRH5 / IRTA2 / CD307e Reference Antibody (cevostamab)
Recombinant Antibody
Catalog # APR10130****Specification**

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

Application	FC, E, FTA
Primary Accession	O96RD9
Reactivity	Cynomolgus, Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	145 KDa

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

Target/Specificity
FcRH5 / IRTA2 / CD307e

Endotoxin
< 0.001EU/ µg,determined by LAL method.

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.

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

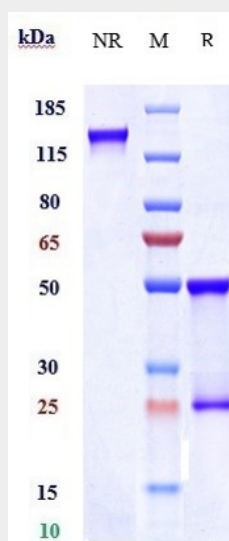
Expressed in marginal zone B-cells, immunoblasts, tonsillar germinal center centrocytes and in the intraepithelial and interfollicular regions of the tonsil. Expressed in many lymphoma cell lines and on hairy cell leukemia cells. Isoform 1, isoform 3, isoform 4 and isoform 5 are detected in lymph node, 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).

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

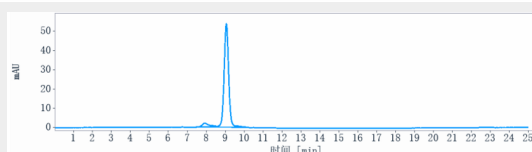
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

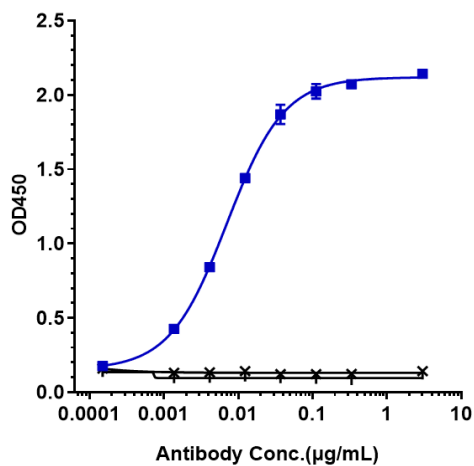
Anti- FcRH5 / IRTA2 / CD307e Reference Antibody (cevostamab) - Images



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) $EC_{50}=0.007032$ µg/mL