

Anti-ILDR2 Reference Antibody (bapotulimab)

Recombinant Antibody
Catalog # APR10661

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q71H61
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2SA
Calculated MW	71200

Additional Information

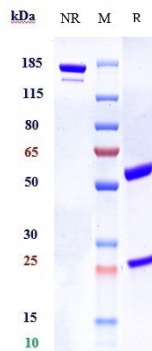
Target/Specificity	ILDR2
Endotoxin Conjugation	Unconjugated
Expression system	CHO
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

Protein Information

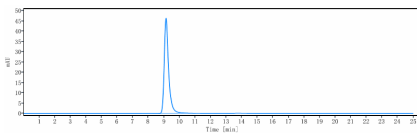
Name	ILDR2 (HGNC:18131)
Synonyms	C1orf32
Function	May be involved in ER stress pathways with effects on lipid homeostasis and insulin secretion. With ILDR1 and LSR, involved in the maintain of the epithelial barrier function through the recruitment of MARVELD2/tricellulin to tricellular tight junctions (By similarity). Also functions as a B7-like protein family member expressed on immune cells and inflamed tissue and with T-cell inhibitory activity (PubMed: 29431694). In the inner ear, may regulate alternative pre-mRNA splicing via binding to TRA2A, TRA2B and SRSF1 (By similarity).
Cellular Location	Endoplasmic reticulum membrane {ECO:0000250 UniProtKB:B5TVM2}; Single-pass type I membrane protein {ECO:0000250 UniProtKB:B5TVM2}. Cell junction, tight junction {ECO:0000250 UniProtKB:B5TVM2}. Nucleus {ECO:0000250 UniProtKB:B5TVM2}
Tissue Location	Expressed in testis, brain, pituitary, colon, heart, nerves, prostate, esophagus, lung liver and small intestine (PubMed: 29431694). Highly expressed in macrophages, also expressed in monocytes and at low levels in NK and NKT

cells (at protein level) (PubMed:29431694).

Images



Anti-ILDR2 Reference Antibody (bapotulimab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 90%.



The purity of Anti-ILDR2 Reference Antibody (bapotulimab) is more than 95%, determined by SEC-HPLC.

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