F2RL1 rabbit monoclonal antibody

Catalog # H00002150-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human F2RL1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human F2RL1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human F2RL1 peptide by ELISA and mammalian transfected lysate by We stern Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — F2RL1

Entrez GeneID	2150
GeneBank Accession#	F2RL1
Gene Name	F2RL1
Gene Alias	GPR11, PAR2
Gene Description	coagulation factor II (thrombin) receptor-like 1
Omim ID	600933
Gene Ontology	Hyperlink
Gene Summary	Coagulation factor II (thrombin) receptor-like 1 (F2RL1) is a member of the large family of 7-trans membrane-region receptors that couple to guanosine-nucleotide-binding proteins. F2RL1 is also a member of the protease-activated receptor family. It is activated by trypsin, but not by thrombin. I t is activated by proteolytic cleavage of its extracellular amino terminus. The new amino terminus f unctions as a tethered ligand and activates the receptor. The F2RL1 gene contains two exons an d is widely expressed in human tissues. The predicted protein sequence is 83% identical to the m ouse receptor sequence. [provided by RefSeq
Other Designations	G protein-coupled receptor-11|protease-activated receptor 2|proteinase-activated receptor-2

Pathway

- Neuroactive ligand-receptor interaction

Disease

- Asthma
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema