P2RY14 rabbit monoclonal antibody

Catalog # H00009934-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human P2RY14 peptide using ARM Technology.
Immunogen	A synthetic peptide of human P2RY14 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 P2RY14 peptide by ELISA and mammalian transfected lysate by Western 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 including $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — P2RY14

Entrez GeneID	9934
GeneBank Accession#	P2RY14
Gene Name	P2RY14
Gene Alias	GPR105, KIAA0001, P2Y14
Gene Description	purinergic receptor P2Y, G-protein coupled, 14
Omim ID	610116
Gene Ontology	Hyperlink
Gene Summary	The product of this gene belongs to the family of G-protein coupled receptors, which contains several receptor subtypes with different pharmacological selectivity for various adenosine and uridine nucleotides. This receptor is a P2Y purinergic receptor for UDP-glucose and other UDP-sugars coupled to G-proteins. It has been implicated in extending the known immune system functions of P2Y receptors by participating in the regulation of the stem cell compartment, and it may also play a role in neuroimmune function. Two transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq
Other Designations	G protein coupled receptor for UDP-glucose|G protein-coupled receptor 105|P2Y purinoceptor 14|P2Y(14) receptor|P2Y14 receptor

Pathway

- Neuroactive ligand-receptor interaction