

P2RX2 rabbit monoclonal antibody

Catalog # H00022953-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human P2RX2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human P2RX2 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 P2RX2 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 — P2RX2

Entrez GeneID	22953
GeneBank Accession#	P2RX2
Gene Name	P2RX2
Gene Alias	MGC129601, P2X2
Gene Description	purinergic receptor P2X, ligand-gated ion channel, 2
Omim ID	600844
Gene Ontology	Hyperlink
Gene Summary	The product of this gene belongs to the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel. Binding to ATP mediates synaptic transmission between neurons and from neurons to smooth muscle. Six transcript variants encoding six distinct isoforms have been identified for this gene. [provided by RefSeq]
Other Designations	ATP receptor P2X Receptor, subunit 2 P2X purinoceptor 2 purinergic receptor P2X2

Pathway

- [Calcium signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)