

P2RY2 rabbit monoclonal antibody

Catalog # H00005029-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human P2RY2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human P2RY2 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 P2RY2 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 — P2RY2

Entrez GeneID	5029
GeneBank Accession#	P2RY2
Gene Name	P2RY2
Gene Alias	HP2U, MGC20088, MGC40010, P2RU1, P2U, P2U1, P2UR, P2Y2, P2Y2R
Gene Description	purinergic receptor P2Y, G-protein coupled, 2
Omim ID	600041
Gene Ontology	Hyperlink
Gene Summary	The product of this gene belongs to the family of G-protein coupled receptors. This family has several receptor subtypes with different pharmacological selectivity, which overlaps in some cases, for various adenosine and uridine nucleotides. This receptor is responsive to both adenosine and uridine nucleotides. It may participate in control of the cell cycle of endometrial carcinoma cells. Three transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq]
Other Designations	ATP receptor P2U nucleotide receptor P2U purinoceptor 1 P2Y purinoceptor 2 purinergic receptor P2Y2 purinoceptor P2Y2

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Cardiovascular Diseases](#)
- [Cerebral Infarction](#)
- [Cystic fibrosis](#)
- [Diabetes Mellitus](#)
- [Edema](#)

- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Hypertension](#)
- [Myocardial Infarction](#)