

P2RY6 rabbit monoclonal antibody

Catalog # H00005031-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human P2RY6 peptide using ARM Technology.
Immunogen	A synthetic peptide of human P2RY6 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 P2RY6 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 — P2RY6

Entrez GeneID [5031](#)

GeneBank Accession# [P2RY6](#)

Gene Name P2RY6

Gene Alias MGC15335, P2Y6

Gene Description pyrimidinergic receptor P2Y, G-protein coupled, 6

Omim ID [602451](#)

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 UDP, partially responsive to UTP and ADP, and not responsive to ATP. Four transcript variants encoding the same isoform have been identified for this gene. [provided by RefSeq]

Other Designations G-coupled nucleotide receptor|P2 purinoceptor|P2Y purinoceptor 6|P2Y6 receptor|pyrimidinergic receptor P2Y6

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Tobacco Use Disorder](#)