KCNJ16 rabbit monoclonal antibody

Catalog # H00003773-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human KCNJ16 peptide using ARM Technology.
Immunogen	A synthetic peptide of human KCNJ16 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 KCNJ16 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 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 — KCNJ16

Entrez GeneID	3773
GeneBank Accession#	KCNJ16
Gene Name	KCNJ16
Gene Alias	BIR9, KIR5.1, MGC33717
Gene Description	potassium inwardly-rectifying channel, subfamily J, member 16
Omim ID	605722
Gene Ontology	Hyperlink
Gene Summary	Potassium channels are present in most mammalian cells, where they participate in a wide range of physiologic responses. The protein encoded by this gene is an integral membrane protein and inward-rectifier type potassium channel. The encoded protein, which has a greater tendency to all ow potassium to flow into a cell rather than out of a cell, can form heterodimers with two other inwa rd-rectifier type potassium channels. It may be involved in the regulation of fluid and pH balance. T hree transcript variants encoding the same protein have been found for this gene. [provided by Re fSeq
Other Designations	inward rectifier K+ channel KIR5.1|potassium inwardly-rectifying channel J16

Disease

- Celiac Disease
- Genetic Predisposition to Disease
- Tobacco Use Disorder