PDZD3 rabbit monoclonal antibody

Catalog # H00079849-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PDZD3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PDZD3 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 PDZD3 peptide by ELISA and mammalian transfected lysate by W estern 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 — PDZD3

Entrez GeneID	79849
GeneBank Accession#	PDZD3
Gene Name	PDZD3
Gene Alias	FLJ22756, IKEPP, PDZK2
Gene Description	PDZ domain containing 3
Omim ID	607146
Gene Ontology	Hyperlink
Gene Summary	Guanylyl cyclase C (GCC, or GUCY2C; MIM 601330) produces cGMP following the binding of either endogenous ligands or heat-stable enterotoxins secreted by E. coli and other enteric bacteria. Activation of GCC initiates a signaling cascade that leads to phosphorylation of the cystic fibrosis transmembrane conductance regulator (CFTR; MIM 602421), followed by a net efflux of ions and water into the intestinal lumen. IKEPP is a regulatory protein that associates with GCC and regulates the amount of cGMP produced following receptor stimulation (Scott et al., 2002 [PubMed 11950846]).[supplied by OMIM
Other Designations	PDZ domain containing 2|intestinal and kidney enriched PDZ protein|natrium-phosphate cotransporter IIa C-terminal-associated protein 2