

# MPP5 rabbit monoclonal antibody

Catalog # H00064398-K

Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human MPP5 peptide using ARM Technology.
Immunogen	A synthetic peptide of human MPP5 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 ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human MPP5 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) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — MPP5

**Entrez GeneID** [64398](#)

**GeneBank Accession#** [MPP5](#)

**Gene Name** MPP5

**Gene Alias** FLJ12615, PALS1

**Gene Description** membrane protein, palmitoylated 5 (MAGUK p55 subfamily member 5)

**Omim ID** [606958](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** Members of the peripheral membrane-associated guanylate kinase (MAGUK) family function in tumor suppression and receptor clustering by forming multiprotein complexes containing distinct sets of transmembrane, cytoskeletal, and cytoplasmic signaling proteins. All MAGUKs contain a PDZ-SH3-GUK core and are divided into 4 subfamilies, DLG-like (see DLG1; MIM 601014), ZO1-like (see TJP1; MIM 601009), p55-like (see MPP1; MIM 305360), and LIN2-like (see CASK; MIM 300172), based on their size and the presence of additional domains (Tseng et al., 2001 [PubMed 11311936]). MPP5 is a member of the p55-like MAGUK subfamily.[supplied by OMIM]

**Other Designations** MAGUK p55 subfamily member 5|membrane protein, palmitoylated 5|stardust

## Pathway

- [Tight junction](#)