

## PI3 rabbit monoclonal antibody

Catalog # H00005266-K      Size 100 ug x up to 3

### Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human PI3 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human PI3 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human PI3 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	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 — PI3

Entrez GeneID	<a href="#">5266</a>
GeneBank Accession#	<a href="#">PI3</a>
Gene Name	PI3
Gene Alias	ESI, MGC13613, SKALP, WAP3, WFDC14, cementoin
Gene Description	peptidase inhibitor 3, skin-derived
Omim ID	<a href="#">182257</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes an elastase-specific inhibitor that functions as an antimicrobial peptide against Gram-positive and Gram-negative bacteria. The protein contains a WAP-type four-disulfide core (WFDC) domain, and is thus a member of the WFDC domain family. Most WFDC gene members are localized to chromosome 20q12-q13 in two clusters: centromeric and telomeric. This gene belongs to the centromeric cluster. Expression of this gene is upregulated by bacterial lipopolysaccharides and cytokines. [provided by RefSeq]
Other Designations	OTTHUMP00000031100 WAP four-disulfide core domain 14 elafin elastase-specific inhibitor protease inhibitor 3, skin-derived (SKALP) skin-derived antileukoproteinase

## Disease

- [Genetic Predisposition to Disease](#)
- [Liver Cirrhosis](#)
- [Respiratory Distress Syndrome](#)