

# KLK12 rabbit monoclonal antibody

Catalog # H00043849-K

Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human KLK12 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human KLK12 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 KLK12 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 — KLK12

Entrez GeneID	<a href="#">43849</a>
GeneBank Accession#	<a href="#">KLK12</a>
Gene Name	KLK12
Gene Alias	DKFZp686H1078, KLK-L5, KLKL5, MGC42603
Gene Description	kallikrein-related peptidase 12
Omim ID	<a href="#">605539</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. Alternate splicing of this gene results in three transcript variants encoding different isoforms. [provided by RefSeq]
Other Designations	kallikrein 12 kallikrein-like protein 5

## Disease

- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Prostatic Neoplasms](#)
- [Stomach Neoplasms](#)