

KLK1 rabbit monoclonal antibody

Catalog # H00003816-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human KLK1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human KLK1 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 KLK1 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) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — KLK1

Entrez GeneID	3816
GeneBank Accession#	KLK1
Gene Name	KLK1
Gene Alias	KLKR, Klk6, hK1
Gene Description	kallikrein 1
Omim ID	147910
Gene Ontology	Hyperlink
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. This protein is functionally conserved in its capacity to release the vasoactive peptide, Lys-bradykinin, from low molecular weight kininogen. [provided by RefSeq]
Other Designations	glandular kallikrein 1 kallikrein 1, renal/pancreas/salivary kallikrein serine protease 1 tissue kallikrein

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