

## KLC3 rabbit monoclonal antibody

Catalog # H00147700-K

Size 100 ug x up to 3

### Specification

Product Description	Rabbit monoclonal antibody raised against a human KLC3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human KLC3 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 KLC3 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 — KLC3

Entrez GeneID	<a href="#">147700</a>
GeneBank Accession#	<a href="#">KLC3</a>
Gene Name	KLC3
Gene Alias	KLC2, KLC2L, KLCt, KNS2B
Gene Description	kinesin light chain 3
Omim ID	<a href="#">601334</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes a member of the kinesin light chain gene family. Kinesins are molecular motor s involved in the transport of cargo along microtubules, and are composed of two kinesin heavy chain (KHC) and two kinesin light chain (KLC) molecules. KLCs are thought to typically be involved i n binding cargo and regulating kinesin activity. In the rat, a protein similar to this gene product is e xpressed in post-meiotic spermatids, where it associates with structural components of sperm tail s and mitochondria. [provided by RefSeq
Other Designations	KLC2-like kinesin light chain 2-like

## Disease

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- [Diabetes Mellitus](#)
- [Edema](#)