

KLC3 mouse monoclonal antibody (hybridoma)

Catalog # H00147700-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant KLC3.
Immunogen	KLC3 (AAH73841.1, 1 a.a. ~ 503 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSVQVAAPGSAGLGPERLSPEELVRQTRQVVQGLEALRAEHHGLAGHLAEALAGQGPAAGLEM LEEKQQVVSLSLEAIELGLGEAQVLLALSAHVGALEAEKQRLRSQARRLAQENVWLREELEETQ RRLRASEESVAQLEEEKRHLEFLGQLRQYDPPAESQSESPRRDSLASFPEEEEEERKGPEAA GAAAAQQGGYEIPARLRTLHNLVIQYAGQGRYEVAVPLCRQALEDLERSSSGHCHPDVATMLNILAL VYRDQNKYKEATDLLHDALQIREQTLGPEHPAVAATLNNLAVLYGKRGRYREAELCQRALEIREK VLGADHPDVAKQLNNLALLCQNQGKFEDVERHYARALSIYEALGGPHDPNVAKTNNLASAYLK QNKYQQAEEELYKEILHKEDLPAPLGAPNTGTAGDAEQALRRSSSLKIRESIIRRGSEKLVSRRLGE AAAGAAGMKRAMSLNTLNVDAPRAPGTQFPSWHLDKAPRTLSASTQDLSPH
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — KLC3

Entrez GeneID	147700
GeneBank Accession#	BC073841.1
Protein Accession#	AAH73841.1
Gene Name	KLC3
Gene Alias	KLC2, KLC2L, KLCt, KNS2B
Gene Description	kinesin light chain 3
Omim ID	601334
Gene Ontology	Hyperlink
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

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