

EIF3K mouse monoclonal antibody (hybridoma)

Catalog # H00027335-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant EIF3K.
Immunogen	EIF3K (NP_037366.1, 1 a.a. ~ 218 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAMFEQMRANVGKLLKGIDRYNPENLATLERYVETQAKENAYDLEANLAVLKLYQFNPAFFQTTV TAQILLKALTNLPHDTFTLCKCMIDQAHQEERPIRQILYGLDLETCHFQAFWQALDENMDLLEGITG FEDSVRKFIHVVGITYQHIDRWLQAEMLGDLSDSQLKVWMSKYGWSADESGQIFICSQEESIKP KNIVEKIDFDSVSSIMASSQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (95)
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 — EIF3K

Entrez GeneID	27335
GeneBank Accession#	NM_013234.2
Protein Accession#	NP_037366.1
Gene Name	EIF3K
Gene Alias	ARG134, EIF3-p28, EIF3S12, HSPC029, M9, MSTP001, PLAC-24, PLAC24, PRO1474, PTD001
Gene Description	eukaryotic translation initiation factor 3, subunit K
Omim ID	609596
Gene Ontology	Hyperlink
Gene Summary	The 700-kD eukaryotic translation initiation factor-3 (eIF3) is the largest eIF and contains at least 12 subunits, including EIF2S12. eIF3 plays an essential role in translation by binding directly to the 40S ribosomal subunit and promoting formation of the 40S preinitiation complex (Mayeur et al., 2003 [PubMed 14519125]).[supplied by OMIM]
Other Designations	eukaryotic translation initiation factor 3, subunit 12 muscle specific