

TYW3 mouse monoclonal antibody (hybridoma)

Catalog # H00127253-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant TYW3.
Immunogen	TYW3 (AAH71765.1, 1 a.a. ~ 259 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MDRSAEFRKWKAQCLSKADLSRKGSVDEDVVELVQFLNMRDQFFTTSSCAGRILLDRGINGFE VQKQNCWLLVTHKLCVKDDVIVALKKANGDATLKFEFVLHVQCRQLQDAQILHSMIDSGFRN SGITVGKRGKTMVVRSTHGLEVPLSHKGKLMVTEEYIDFLLNVANQKMEENKKRIERFYNCLQHA LERETMTNLHPKIKEKNNSSYHKKKRNPEKTRAQCITKESDEELENDDDDLGINVTIFPEDY
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (70); Rat (70)
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 — TYW3

Entrez GeneID [127253](#)**GeneBank Accession#** [BC071765.1](#)**Protein Accession#** [AAH71765.1](#)**Gene Name** TYW3**Gene Alias** C1orf171, FLJ40918**Gene Description** tRNA-yW synthesizing protein 3 homolog (S. cerevisiae)**Omim ID** [611245](#)**Gene Ontology** [Hyperlink](#)

Gene Summary Wybutosine (yW) is a hypermodified guanosine at the 3-prime position adjacent to the anticodon of phenylalanine tRNA that stabilizes codon-anticodon interactions during decoding on the ribosome. TYW3 is the human homolog of a yeast gene essential for yW synthesis (Noma and Suzuki, 2006).[supplied by OMIM]

Other Designations OTTHUMP00000011215|tRNA-yW synthesizing protein 3 homolog