

TKT mouse monoclonal antibody (hybridoma)

Catalog # H00007086-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant TKT.
Immunogen	TKT (NP_001055.1, 1 a.a. ~ 623 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MESYHKPDQQKLQALKDTANRLRISSIQATTAAGSGHPTSCCSAAEIMAVLFFHTMRYKSQDPRN PHNDRFVLSKGHAAPILYAVWAEAGFLAEAELLNLRKISSDLDGHPVPKQAFDTVATGSLGQGLG AACGMAYTGKYFDKASYRVYCLLDGELSEGSVWEAMAFASIYKLDNLVAILDINRLGQSDPAPL QHQMIDIYQKRCEAFGWHAIIVDGHVSVEELCKAFGQAKHQPTAIIAKTFKGRGITGVEDKESWHGKP LPKNMAEQIIQEISQIQSKKKILATPPQEDAPSVDIANIRMPSLPSYKVGDKIATRKAYGQALAKLGH ASDRIIALDGDTKNSTFSEIFKKEHPDRFIECYAEQNMVSIAGCATRNRTVPFCSTFAAFFTRAFFD QIRMAAISESNINLCGSHCGVSGEDGPSQMALEDLAMFRSVPTSTVFYPSDGVATEKAVELAANT KGICFIRTSRPENAIYNNNEDFQVGQAKVVLKSKDDQVTVIGAGVTLHEALAAAELLKKEKINIRVL DPFTIKPLDRKLILDSARATKGRILTVEDHYEYEGGIGEAVSSAVVGEPGIVTHLAVNRVPRSGKPA ELLKMFGLDRDAIAQAVRGLITKA
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 — TKT

Entrez GeneID	7086
GeneBank Accession#	NM_001064.1
Protein Accession#	NP_001055.1
Gene Name	TKT
Gene Alias	FLJ34765, TKT1
Gene Description	transketolase
Omim ID	277730 606781
Gene Ontology	Hyperlink
Other Designations	-

Pathway

- [Biosynthesis of alkaloids derived from shikimate pathway](#)
- [Biosynthesis of phenylpropanoids](#)
- [Biosynthesis of plant hormones](#)
- [Carbon fixation in photosynthetic organisms](#)
- [Metabolic pathways](#)
- [Pentose phosphate pathway](#)