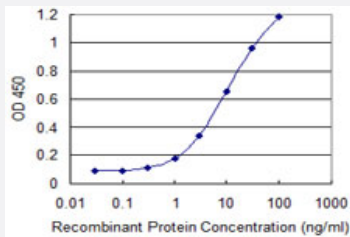


TKTL1 monoclonal antibody (M02), clone 1D6

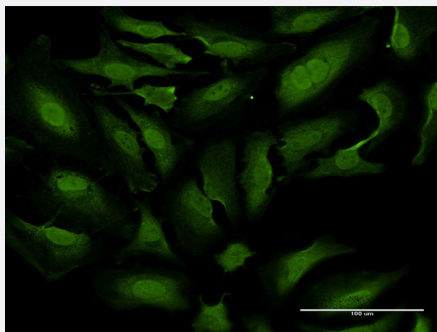
Catalog # H00008277-M02 Size 100 ug

Applications



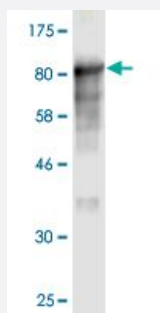
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TKTL1 is 0.3 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to TKTL1 on HeLa cell . [antibody concentration 15 ug/ml]



Western Blot detection against Immunogen (91.3 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant TKTL1.

Immunogen	TKTL1 (AAH25382, 1 a.a. ~ 596 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MADAEARAEFPPEEARPDRGTLQVFQDMASRLRIHSIRATCSTSSGHPTSCSSSSSEIMSVLFFYIMR YKQSDPENPDNDRFVLAKRLSFVDVATGWLQQGLGVACGMAYTGKYFDRASYRVFCLMSDGES SEGSVWEAMAFASYISLDNLVATFDVNRLGHSGALPAEHCINIQRRCEAFGWNTYVVDGRDVE ALCQVFWQASQVKHKPTAVVAKTFKGRGTPSIEDAESWHAKPMPRERADAIIKLIESQIQTSRNLD PQPPIEDSPEVNITDVRMTSPPDYRVGDKIATRKACGLALAKLGYANNRVVVLGDTRYSTFSEIF NKEYPERFIECFMAEQNMVSVLGCASRGRTIAFASTFAAFLTRAFDHIRIGGLAESNINIIGSHCGV SVGDDGASQMALEDIAMFRTIPKCTIFYPTDAVSTEHAVALAANAKGMCFIRTRPETMVITPQER FEIGQAKVLRHCVSDKVTVIGAGITVYEALAAADELSKQDIFIRVIDLFTIKPLDVATVSSAKATEGRII TVEDHYPQGGIGEAVCAAVSMDPDIQVHSLAVSGVPQSGKSEELLDMYGISARHIVAVKCMLLN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (70); Rat (69)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (91.3 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TKTL1 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to TKTL1 on HeLa cell . [antibody concentration 15 ug/ml]

Gene Info — TKTL1

Entrez GeneID	8277
GeneBank Accession#	BC025382
Protein Accession#	AAH25382
Gene Name	TKTL1
Gene Alias	TKR, TKT2
Gene Description	transketolase-like 1
Omim ID	300044
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000024308 OTTHUMP00000061677 Transketolase-2

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](#)