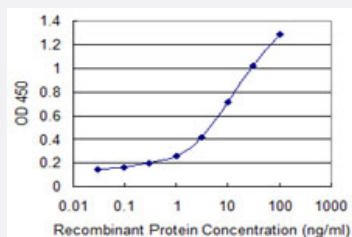


TTL monoclonal antibody (M02), clone 1B2

Catalog # H00150465-M02

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TTL is 0.1 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant TTL.
Immunogen	TTL (NP_714923, 279 a.a. ~ 377 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LESSILLQIKHIIRNCLLSVEPAISTKHLPHYQSFLFGDFMVDDEELKVWLIEVNGAPACAQKLYAEL CQGMVDIAISSVFPPPDVEQPQTQPAAFIKL
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TTL is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — TTL

Entrez GeneID [150465](#)

GeneBank Accession# [NM_153712](#)

Protein Accession# [NP_714923](#)

Gene Name TTL

Gene Alias MGC46235

Gene Description tubulin tyrosine ligase

Omim ID [608291](#)

Gene Ontology [Hyperlink](#)

Gene Summary TTL is a cytosolic enzyme involved in the posttranslational modification of alpha-tubulin (see MIM 602529). Alpha-tubulin within assembled microtubules is detyrosinated over time at the C terminus. After microtubule disassembly, TTL restores the tyrosine residues and consequently participate in a cycle of tubulin detyrosination and tyrosination (Erck et al., 2003 [PubMed 14571137]).[supplied by OMIM]

Other Designations 2410003M22Rik|tubulin-tyrosine ligase

Disease

- [Alcoholism](#)
- [Conduct Disorder](#)