

Datasheet

TTL monoclonal antibody (M02), clone 1B2

Catalog Number: H00150465-M02

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant TTL.

Clone Name: 1B2

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:

LESSILLQIKHIIRNCLLSVEPAISTKHLPYQSFQLFGFDF
MVDEELKVWLVIEVNGAPACAQKLYAELCQGIVDIAISSV
FPPPDVEQPQTQPAAFIKL

Host: Mouse

Reactivity: Human

Applications: ELISA, S-ELISA

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 150465

Gene Symbol: TTL

Gene Alias: MGC46235

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 participates in a cycle of tubulin detyrosination and tyrosination (Erck et al., 2003 [PubMed 14571137]).[supplied by OMIM]