

Datasheet

TSFM monoclonal antibody (M01), clone 3G10

Catalog Number: H00010102-M01

Regulation Status: For research use only (RUO)

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

Clone Name: 3G10

Immunogen: TSFM (NP_005717.2, 161 a.a. ~ 260 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

KVQWLTPVNLALWEAEAGGSLEGFLNSSELSGLPAGP
DREGSLKDQLALAIGKLGENMILKRAAWVKVPSGFYV
GSYVHGAMQSPSLHKLVLGKYGALVI

Host: Mouse

Reactivity: Human

Applications: ELISA, WB-Re

(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: IgG2b 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: 10102

Gene Symbol: TSFM

Gene Alias: COXPD3, EF-TS, EF-Tsmt

Gene Summary: Synthesis of the 13 mitochondrial-encoded proteins occurs on a dedicated mitochondrial translation apparatus similar to that found in prokaryotes and requires, in addition to the tRNAs and

rRNAs encoded in mtDNA, the concerted action of several translation factors and a large number of mitochondrial ribosomal proteins, all of which are encoded by nuclear genes. The TSFM gene encodes a mitochondrial translation elongation factor (Smeitink et al., 2006 [PubMed 17033963]).[supplied by OMIM]