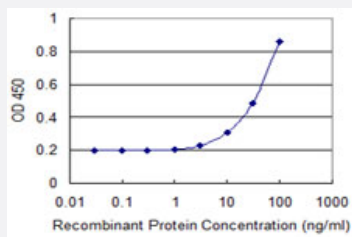


MTRF1 monoclonal antibody (M03), clone 1D5

Catalog # H00009617-M03

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MTRF1 is 1 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant MTRF1.
Immunogen	MTRF1 (NP_004285.2, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MNRHLCVWLFRRHPSLNGYLQCHQLHSHQFRQIHLDTRLQVFRQNRNCILHLLSKNWSRRYCHQD TKMLWKHKALQKYMENLSKEYQTLEQCLQHIPPVNE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (66); Rat (65)
Isotype	IgG2b 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 MTRF1 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — MTRF1

Entrez GeneID [9617](#)

GeneBank Accession# [NM_004294](#)

Protein Accession# [NP_004285.2](#)

Gene Name MTRF1

Gene Alias MGC47721, MRF1, MTTRF1, RF1

Gene Description mitochondrial translational release factor 1

Omim ID [604601](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene was determined by in silico methods to be a mitochondrial protein with similarity to the peptide chain release factors (RFs) discovered in bacteria and yeast. The peptide chain release factors direct the termination of translation in response to the peptide chain termination codons. Initially thought to have a role in the termination of mitochondria protein synthesis, a recent publication found no mitochondrial translation release functionality. Multiple alternatively spliced transcript variants have been suggested by mRNA and EST data; however, their full-length natures are not clear. [provided by RefSeq]

Other Designations OTTHUMP00000018315|OTTHUMP00000018316|mitochondrial peptide chain release factor 1