



Mouse anti-Human MTRF1 monoclonal antibody, clone 2E6 (CABT-B9479)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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.
Isotype	IgG2b, κ
Source/Host	Mouse
Species Reactivity	Human
Clone	2E6
Purification	Protein A
Conjugate	Unconjugated
Applications	ELISA
Format	Liquid
Size	100 µg
Buffer	PBS, pH 7.4
Preservative	no preservative
Storage	-20°C, Avoid Freeze/Thaw Cycles

BACKGROUND

Introduction	The protein encoded by this gene was determined by in silico methods to be a mitochondrial
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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, Jul 2008]

Keywords	MTRF1; mitochondrial translational release factor 1; RF1; MRF1; MTTRF1; peptide chain release factor 1, mitochondrial; MRF-1; mtRF-1; mitochondrial peptide chain release factor 1;
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GENE INFORMATION

Entrez Gene ID [9617](#)

UniProt ID [A0A024RDT1](#)