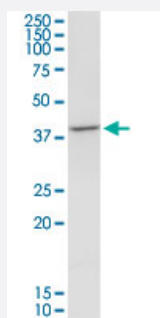


TFB1M monoclonal antibody (M01), clone 4E4

Catalog # H00051106-M01

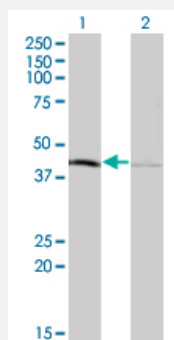
Size 100 ug

Applications



Western Blot (Cell lysate)

TFB1M monoclonal antibody (M01), clone 4E4. Western Blot analysis of TFB1M expression in HeLa.

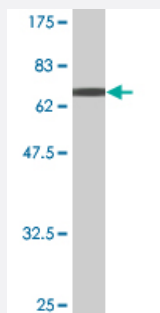


Western Blot (Transfected lysate)

Western Blot analysis of TFB1M expression in transfected 293T cell line by TFB1M monoclonal antibody (M01), clone 4E4.

Lane 1: TFB1M transfected lysate(39.5 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (63.8 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant TFB1M.

Immunogen	TFB1M (AAH17788, 1 a.a. ~ 346 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAASGKLSTCRLPPLPTIREIIKLLRLQAAKQLSQNFLDLRLTDKIVRKAGNLTNAYVYEVGPGPG GITRSILNADVAELLVVEKDTRFIPGLQMLSDAAPGKL RVHGDVLT FKVEKAFSESLKRPWEDDP PNVHIIGNLPFSVSTPLIIKWLENISCRDGPFFVYGR TQMTLTFQKEVAERLAANTGSKQRSRLSVMA QYLCNVRHIFTIPGQAFVPKPEVDVG VVHFTPLIQPKIEQPFKLVEKV VQNVFQFRRKYCHRG LRM LFPEAQRL ESTGR LLELADIDPTLRPRQLSISHFKSLCDVYRKMCEDEPQLFAYNFREELKRRKSK NEEKEEDDAENYRL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (86); Rat (86)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (63.8 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

TFB1M monoclonal antibody (M01), clone 4E4. Western Blot analysis of TFB1M expression in HeLa.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of TFB1M expression in transfected 293T cell line by TFB1M monoclonal antibody (M01), clone 4E4.

Lane 1: TFB1M transfected lysate(39.5 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — TFB1M

Entrez GeneID	51106
GeneBank Accession#	BC017788
Protein Accession#	AAH17788
Gene Name	TFB1M
Gene Alias	CGI-75, CGI75, mtTFB, mtTFB1
Gene Description	transcription factor B1, mitochondrial
Omim ID	607033
Gene Ontology	Hyperlink
Gene Summary	The transcription of genes from mitochondrial DNA requires a mitochondrial RNA polymerase (see POLRMT, MIM 601778) and a DNA-binding transcription factor (see TFAM, MIM 600438). Transcription factor B1 (TFB1M) is a part of this transcription complex.[supplied by OMIM]
Other Designations	OTTHUMP00000017473 S-adenosylmethionine-6-N', N'-adenosyl(rRNA) dimethyltransferase 1 h omolog of yeast mitochondrial transcription factor B mitochondrial 12S rRNA dimethylase 1

Disease

- [Alzheimer disease](#)
- [Cardiomegaly](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Parkinson disease](#)