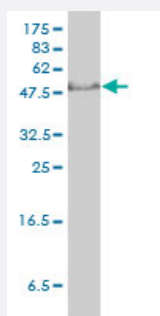


GTF2H1 monoclonal antibody (M01), clone 1F12-1B5

Catalog # H00002965-M01

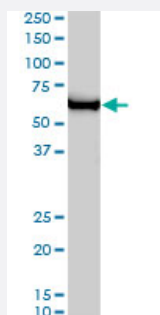
Size 100 ug

Applications



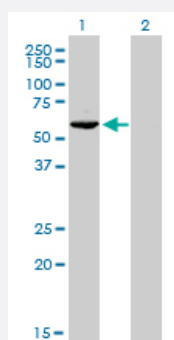
Western Blot (Cell lysate)

GTF2H1 monoclonal antibody (M01), clone 1F12-1B5 Western Blot analysis of GTF2H1 expression in Jurkat (Cat # L017V1).



Western Blot (Cell lysate)

GTF2H1 monoclonal antibody (M01), clone 1F12-1B5. Western Blot analysis of GTF2H1 expression in Hela S3 NE (Cat # L013V3).

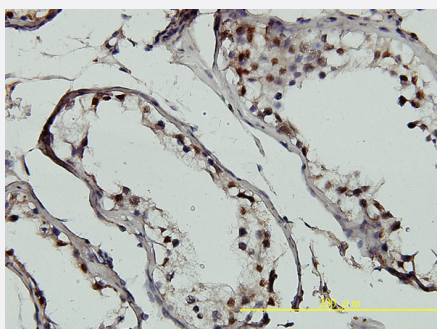


Western Blot (Transfected lysate)

Western Blot analysis of GTF2H1 expression in transfected 293T cell line by GTF2H1 monoclonal antibody (M01), clone 1F12-1B5.

Lane 1: GTF2H1 transfected lysate(62 KDa).

Lane 2: Non-transfected lysate.

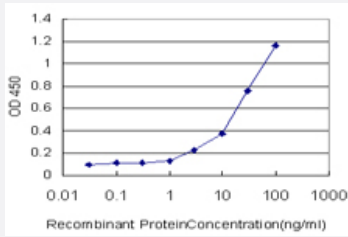


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to GTF2H1 on formalin-fixed paraffin-embedded human testis tissue.[antibody concentration 5 ug/ml]

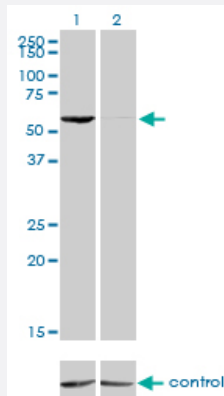
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GTF2H1 is approximately 1ng/ml as a capture antibody.



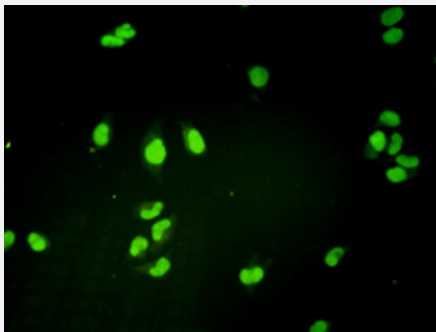
RNAi Knockdown (Antibody validated)

Western blot analysis of GTF2H1 over-expressed 293 cell line, cotransfected with GTF2H1 Validated Chimera RNAi (Cat # H00002965-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with GTF2H1 monoclonal antibody (M01), clone 1F12-1B5 (Cat # H00002965-M01). GAPDH (36.1 kDa) used as specificity and loading control.

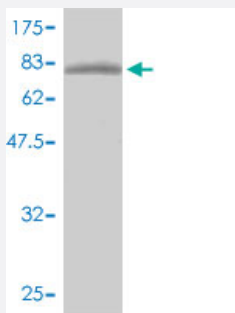


Immunofluorescence

Immunofluorescence of monoclonal antibody to GTF2H1 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (86.02 KDa) .



Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant GTF2H1.

Immunogen

GTF2H1 (AAH00365, 1 a.a. ~ 548 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence	MATSSSEVLLIVKKVRQKKQDGALYLMAERIAWAPEGKDRFTISHMYADIKCQKISPEGKAKIQLQL VLHAGDTTNFHFSNESTAVKERDAVKDLLQQLLPKFKRKANKELEEKNRMLQEDPVLFQLYKDL VVSQVISAEFEWANRLNVNATDSSSTSNHKQDVGISA AFLADV RPQT DGCNGLRYNLTSDIIESIFR TYP AVKMKY AENVPHNMTEKEFWTRFFQSHYFHRDRLNTGSKDLFAECAKIDEKGLKTMVSLGV KNPLLDLTALDEKPLDEGYGISSVPSASNSKSIKENSNAAIKRFNHHSAMVLAAGLRKQEAQNEQ TSEPSNMDGNSGDADCFQPAVKRAKLQESIEYEDLGKNNSVKTIALNLKKS DRY YHGPTPIQSLQ YATSQDIINSFQSIRQEMEAYTPKLTQVLSSSAASSTITALSPGGALMQGGTQQAINQMVPNDIQSE LKHLVAVGELLRHFWSCFPVNTPFLEEKVVKMKS NLERFQVTKLCPFQEKIRRQYLSTNLVSHIE EMLQTAYNKLHTWQSRRLMKKT
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (91)
Isotype	IgG1 kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (86.02 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)

GTF2H1 monoclonal antibody (M01), clone 1F12-1B5 Western Blot analysis of GTF2H1 expression in Jurkat (Cat # L017V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

GTF2H1 monoclonal antibody (M01), clone 1F12-1B5. Western Blot analysis of GTF2H1 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of GTF2H1 expression in transfected 293T cell line by GTF2H1 monoclonal antibody (M01), clone 1F12-1B5.

Lane 1: GTF2H1 transfected lysate(62 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to GTF2H1 on formalin-fixed paraffin-embedded human testis tissue.[antibody concentration 5 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GTF2H1 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of GTF2H1 over-expressed 293 cell line, cotransfected with GTF2H1 Validated Chimera RNAi (Cat # H00002965-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with GTF2H1 monoclonal antibody (M01), clone 1F12-1B5 (Cat # H00002965-M01). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of monoclonal antibody to GTF2H1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — GTF2H1

Entrez GeneID [2965](#)

GeneBank Accession# [BC000365](#)

Protein Accession# [AAH00365](#)

Gene Name GTF2H1

Gene Alias BTF2, TFB1, TFIIH

Gene Description general transcription factor IIH, polypeptide 1, 62kDa

Omim ID [189972](#)

Gene Ontology [Hyperlink](#)

Gene Summary

polypeptide 1

Other Designations

general transcription factor IIIH, polypeptide 1 (62kD subunit)

Publication Reference

- [XPB induces C1D expression to counteract UV-induced apoptosis.](#)

Li G, Liu J, Abu-Asab M, Masabumi S, Maru Y.

Molecular Cancer Research 2010 Jun; 8(6):885.

Application: WB-Ce, Human, HEK 293 cells

Pathway

- [Basal transcription factors](#)
- [Nucleotide excision repair](#)

Disease

- [Breast cancer](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Multiple Sclerosis](#)
- [Narcolepsy](#)
- [Werner syndrome](#)