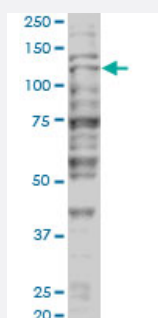


TRIM24 monoclonal antibody (M01), clone 2F2

Catalog # H00008805-M01

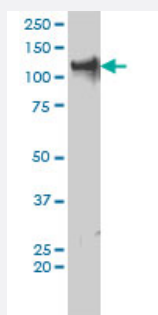
Size 100 ug

Applications



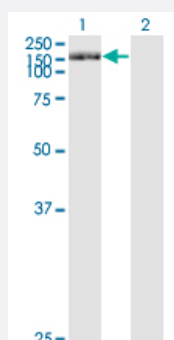
Western Blot (Cell lysate)

TRIM24 monoclonal antibody (M01), clone 2F2. Western Blot analysis of TRIM24 expression in Hela S3 NE (Cat # L013V3).



Western Blot (Cell lysate)

TRIM24 monoclonal antibody (M01), clone 2F2 Western Blot analysis of TRIM24 expression in IMR-32 (Cat # L008V1).

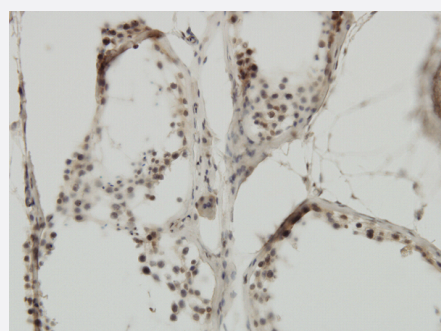


Western Blot (Transfected lysate)

Western Blot analysis of TRIM24 expression in transfected 293T cell line by TRIM24 monoclonal antibody (M01), clone 2F2.

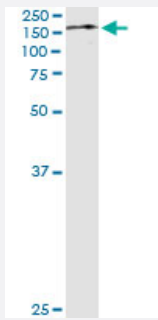
Lane 1: TRIM24 transfected lysate(116.8 KDa).

Lane 2: Non-transfected lysate.



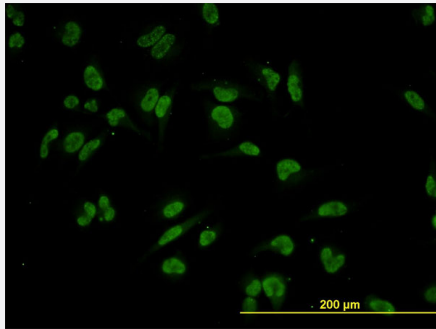
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to TRIM24 on formalin-fixed paraffin-embedded human testis. [antibody concentration 6 ug/ml]



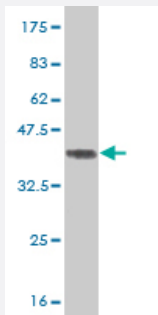
Immunoprecipitation

Immunoprecipitation of TRIM24 transfected lysate using anti-TRIM24 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with TRIM24 MaxPab rabbit polyclonal antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to TRIM24 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (40.81 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant TRIM24.
Immunogen	TRIM24 (AAH28689, 432 a.a. ~ 569 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PQMPKQNPVVEQNSQPPSGLSSNQLSKFPTQISLAQLRLQHMQQVMAQRQQVQRRPAPVGL PNPRMQGPIQQPSISHQQPPRLINFQNHSPKPNGPVLPPHPQQLRYPPNQNIQRQAIPNPLQMA FLAQQAQKW
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93)

Isotype	IgG3 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (40.81 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)

TRIM24 monoclonal antibody (M01), clone 2F2. Western Blot analysis of TRIM24 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Cell lysate)

TRIM24 monoclonal antibody (M01), clone 2F2 Western Blot analysis of TRIM24 expression in IMR-32 (Cat # L008V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of TRIM24 expression in transfected 293T cell line by TRIM24 monoclonal antibody (M01), clone 2F2.

Lane 1: TRIM24 transfected lysate(116.8 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 TRIM24 on formalin-fixed paraffin-embedded human testis. [antibody concentration 6 ug/ml]

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of TRIM24 transfected lysate using anti-TRIM24 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with TRIM24 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- ELISA
- Immunofluorescence

Immunofluorescence of monoclonal antibody to TRIM24 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — TRIM24

Entrez GeneID [8805](#)

GeneBank Accession# [BC028689](#)

Protein Accession# [AAH28689](#)

Gene Name TRIM24

Gene Alias PTC6, RNF82, TF1A, TIF1, TIF1A, TIF1ALPHA, hTIF1

Gene Description tripartite motif-containing 24

Omim ID [188550 603406](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene mediates transcriptional control by interaction with the activation function 2 (AF2) region of several nuclear receptors, including the estrogen, retinoic acid, and vitamin D3 receptors. The protein localizes to nuclear bodies and is thought to associate with chromatin and heterochromatin-associated factors. The protein is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains - a RING, a B-box type 1 and a B-box type 2 - and a coiled-coil region. Two alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq]

Other Designations transcriptional intermediary factor 1|transcriptional intermediary factor 1 alpha|tripartite motif protein 24

Publication Reference

- [BioID identifies novel c-MYC interacting partners in cultured cells and xenograft tumors.](#)

Dingar D, Kalkat M, Chan PK, Srikumar T, Bailey SD, Tu WB, Coyaud E, Ponzielli R, Kolyar M, Jurisica I, Huang A, Lupien M, Penn LZ, Raught B.

Journal of Proteomics 2015 Apr; 118:95.

Application: PLA, Human, MCF10A cells

- [Overexpression of TRIM24 Is Associated with the Onset and Progress of Human Hepatocellular Carcinoma.](#)

Liu X, Huang Y, Yang D, Li X, Liang J, Lin L, Zhang M, Zhong K, Liang B, Li J.

PLoS One 2014 Jan; 9(1):e85462.

Application: IHC-P, WB-Tr, Human, Hepatocellular carcinoma, HepG2 cells

- [TRIM24 mediates ligand-dependent activation of androgen receptor and is repressed by a bromodomain-containing protein, BRD7, in prostate cancer cells.](#)

Misato Kikuchi, Fumihiko Okumura, Tadasuke Tsukiyama, Masashi Watanabe, Naoto Miyajima, Junji Tanaka, Masahiro Imamura, Shigetsugu Hatakeyama.

Biochimica et Biophysica Acta 2009 Dec; 1793(12):1828.

Application: WB-Ce, WB-Tr, Human, CWR22Rv1, LNCaP, PC-3 cells