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TRIM28 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant TRIM28.
Catalog # AT4348a

Specification

TRIM28 Antibody (monoclonal) (M01) - Product Information

Application	**IF, WB, IHC**
Primary Accession	Q13263
Other Accession	BC004978
Reactivity	**Human, Mouse, Rat**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG2b Kappa**
Calculated MW	**88550**

TRIM28 Antibody (monoclonal) (M01) - Additional Information

Gene ID 10155

Other Names
Transcription intermediary factor 1-beta, TIF1-beta, E3 SUMO-protein ligase TRIM28, 632-, KRAB-associated protein 1, KAP-1, KRAB-interacting protein 1, KRIP-1, Nuclear corepressor KAP-1, RING finger protein 96, Tripartite motif-containing protein 28, TRIM28, KAP1, RNF96, TIF1B

Target/Specificity
TRIM28 (AAH04978, 379 a.a. ~ 524 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
TRIM28 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

TRIM28 Antibody (monoclonal) (M01) - Protocols

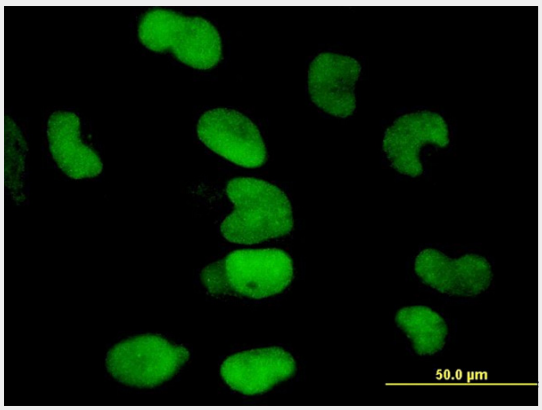
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

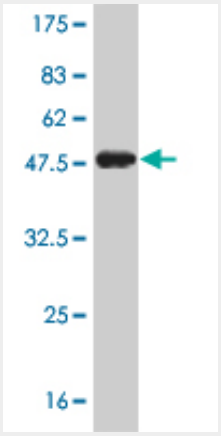
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- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

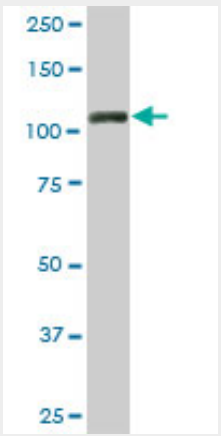
TRIM28 Antibody (monoclonal) (M01) - Images



Immunofluorescence of monoclonal antibody to TRIM28 on HeLa cell. [antibody concentration 10 ug/ml]

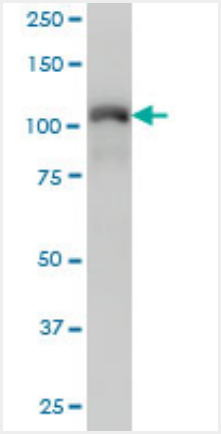


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (41.69 KDa) .

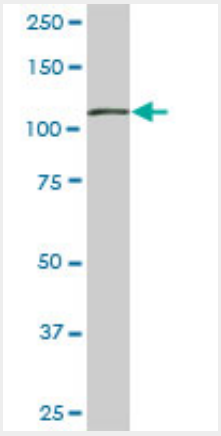


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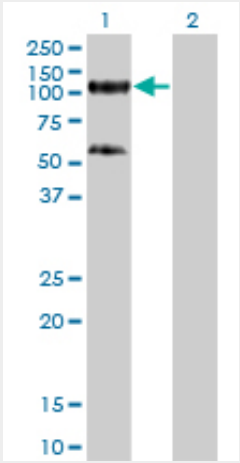
TRIM28 monoclonal antibody (M01), clone 4E6. Western Blot analysis of TRIM28 expression in PC-12 ((Cat # AT4348a)



TRIM28 monoclonal antibody (M01), clone 4E6 Western Blot analysis of TRIM28 expression in Hela S3 NE ((Cat # AT4348a)



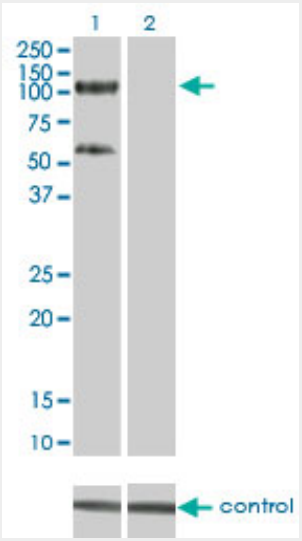
TRIM28 monoclonal antibody (M01), clone 4E6. Western Blot analysis of TRIM28 expression in NIH/3T3 ((Cat # AT4348a)



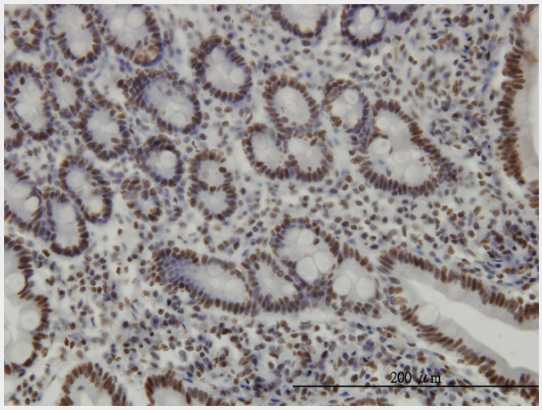
Western Blot analysis of TRIM28 expression in transfected 293T cell line by TRIM28 monoclonal antibody (M01), clone 4E6.

Lane 1: TRIM28 transfected lysate(88.5 KDa).
Lane 2: Non-transfected lysate.

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Western blot analysis of TRIM28 over-expressed 293 cell line, cotransfected with TRIM28 Validated Chimera RNAi ((Cat # AT4348a)



Immunoperoxidase of monoclonal antibody to TRIM28 on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 3 ug/ml]

TRIM28 Antibody (monoclonal) (M01) - Background

The protein encoded by this gene mediates transcriptional control by interaction with the Kruppel-associated box repression domain found in many transcription factors. The protein localizes to the nucleus and is thought to associate with specific chromatin regions. The protein is a member of the tripartite motif family. This tripartite motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region.

TRIM28 Antibody (monoclonal) (M01) - References

1.Multipotent Adult Germline Stem Cells and Embryonic Stem Cells Functional Proteomics Revealed an Important Role of Eukaryotic Initiation Factor 5A (Eif5a) in Stem Cell Differentiation.Dihazi H, Dihazi GH, Jahn O, Meyer S, Nolte J, Asif AR, Mueller GA, Engel W.J Proteome Res. 2011 Feb 24. [Epub ahead of print]