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TRIM33 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant TRIM33.
Catalog # AT4351a

Specification

TRIM33 Antibody (monoclonal) (M01) - Product Information

Application	**IF, WB, IHC, E**
Primary Accession	Q9UPN9
Other Accession	NM_015906
Reactivity	**Human, Mouse, Rat**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 Kappa**
Calculated MW	**122533**

TRIM33 Antibody (monoclonal) (M01) - Additional Information

Gene ID 51592

Other Names
E3 ubiquitin-protein ligase TRIM33, 632-, Ectodermin homolog, RET-fused gene 7 protein, Protein Rfg7, Transcription intermediary factor 1-gamma, TIF1-gamma, Tripartite motif-containing protein 33, TRIM33, KIAA1113, RFG7, TIF1G

Target/Specificity
TRIM33 (NP_056990, 1006 a.a. ~ 1105 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
TRIM33 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

TRIM33 Antibody (monoclonal) (M01) - Protocols

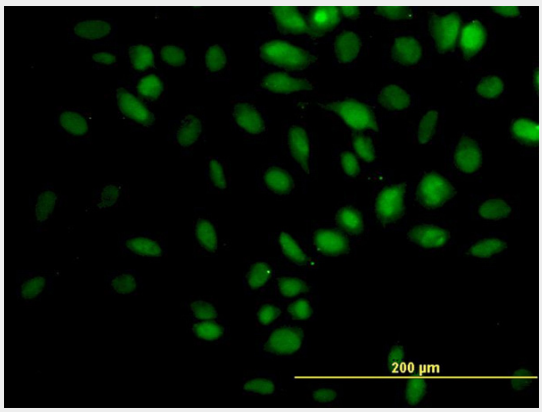
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

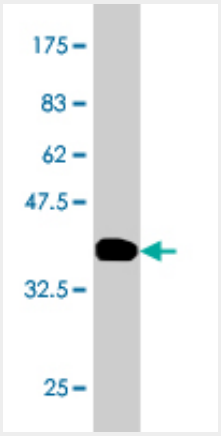
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- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

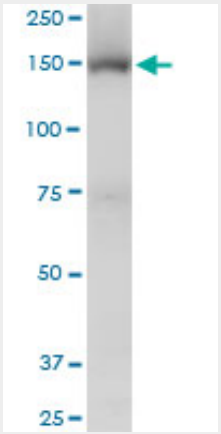
TRIM33 Antibody (monoclonal) (M01) - Images



Immunofluorescence of monoclonal antibody to TRIM33 on HeLa cell. [antibody concentration 30 ug/ml]

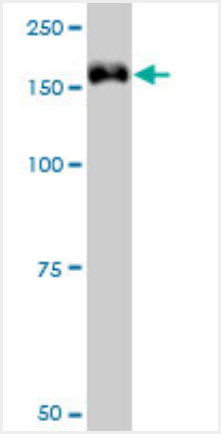


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .

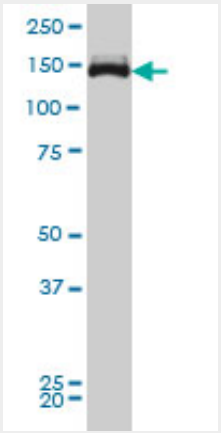


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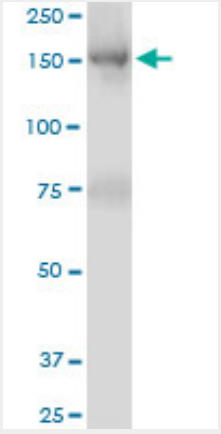
TRIM33 monoclonal antibody (M01), clone 6D1. Western Blot analysis of TRIM33 expression in PC-12((Cat # AT4351a)



TRIM33 monoclonal antibody (M01), clone 6D1. Western Blot analysis of TRIM33 expression in 293 ((Cat # AT4351a)

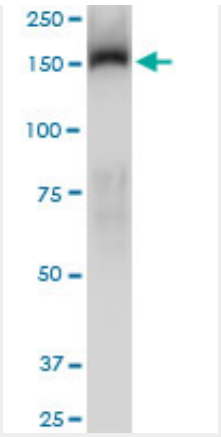


TRIM33 monoclonal antibody (M01), clone 6D1 Western Blot analysis of TRIM33 expression in Hela S3 NE ((Cat # AT4351a)

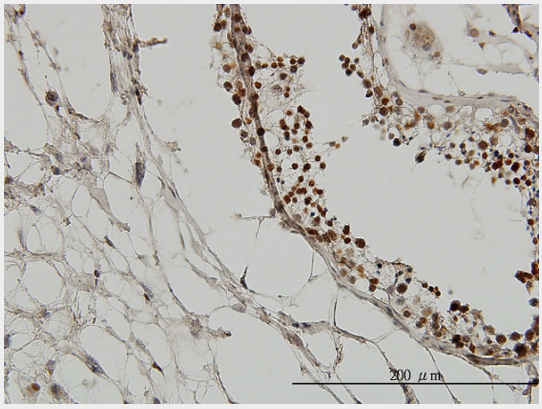


TRIM33 monoclonal antibody (M01), clone 6D1. Western Blot analysis of TRIM33 expression in Raw 264.7((Cat # AT4351a)

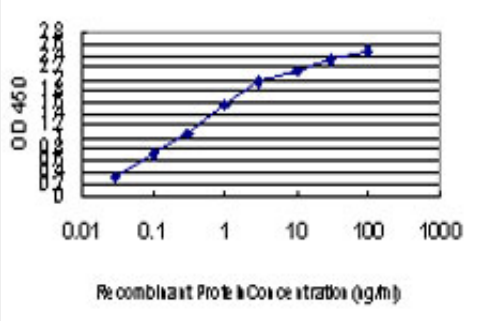
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TRIM33 monoclonal antibody (M01), clone 6D1. Western Blot analysis of TRIM33 expression in NIH/3T3((Cat # AT4351a)



Immunoperoxidase of monoclonal antibody to TRIM33 on formalin-fixed paraffin-embedded human testis. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged TRIM33 is approximately 0.03ng/ml as a capture antibody.

TRIM33 Antibody (monoclonal) (M01) - Background

The protein encoded by this gene is thought to be a transcriptional corepressor. However, molecules that interact with this protein have not yet been identified. The protein is a member of the tripartite motif family. This motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. Three alternatively spliced transcript variants for this gene have been described, however, the full-length nature of one variant has not been determined.

TRIM33 Antibody (monoclonal) (M01) - References

TIF1gamma controls erythroid cell fate by regulating transcription elongation. Bai X, et al. Cell,

2010 Jul 9. PMID 20603019.Transcription intermediary factor 1gamma decreases protein expression of the transcriptional cofactor, LIM-domain-binding 1. Howard PW, et al. Biochem Biophys Res Commun, 2010 Jun 4. PMID 20447379.Inactivation of TIF1gamma cooperates with Kras to induce cystic tumors of the pancreas. Vincent DF, et al. PLoS Genet, 2009 Jul. PMID 19629168.FAM/USP9x, a deubiquitinating enzyme essential for TGFbeta signaling, controls Smad4 monoubiquitination. Dupont S, et al. Cell, 2009 Jan 9. PMID 19135894.Toward a confocal subcellular atlas of the human proteome. Barbe L, et al. Mol Cell Proteomics, 2008 Mar. PMID 18029348.