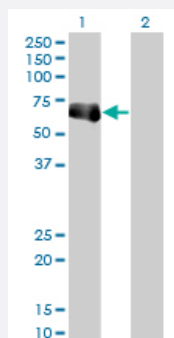


# TRIM9 monoclonal antibody (M01), clone 1F12

Catalog # H00114088-M01

Size 100 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of TRIM9 expression in transfected 293T cell line by TRIM9 monoclonal antibody (M01), clone 1F12.

Lane 1: TRIM9 transfected lysate(61.3 kDa).

Lane 2: Non-transfected lysate.

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant TRIM9.
<b>Immunogen</b>	TRIM9 (NP_055978.4, 1 a.a. ~ 109 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 kDa.
<b>Sequence</b>	MEEMEEELKCPVCGSFYREPIILPCSHNLCQACARNILVQTPESQPQSHRAAGSGVSDYDYL DL DKMSLYSEADSGYGSYGGFASAPTPCQKSPNGVRVFPPAMPPP
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (98); Rat (98)
<b>Isotype</b>	IgG2b Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

Western Blot analysis of TRIM9 expression in transfected 293T cell line by TRIM9 monoclonal antibody (M01), clone 1F12.

Lane 1: TRIM9 transfected lysate(61.3 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- ELISA

## Gene Info — TRIM9

Entrez GeneID [114088](#)

GeneBank Accession# [NM\\_015163.5](#)

Protein Accession# [NP\\_055978.4](#)

Gene Name TRIM9

Gene Alias KIAA0282, RNF91, SPRING

Gene Description tripartite motif-containing 9

Omim ID [606555](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** The protein encoded by this gene 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. The protein localizes to cytoplasmic bodies. Its function has not been identified. Alternate splicing of this gene generates two transcript variants encoding different isoforms. [provided by RefSeq]

**Other Designations** homolog of rat RING finger Spring|tripartite motif protein 9

## Publication Reference

- [A pair of E3 ubiquitin ligases compete to regulate filopodial dynamics and axon guidance.](#)

Nicholas P Boyer, Laura E McCormick, Shalini Menon, Fabio L Urbina, Stephanie L Gupton.

The Journal of Cell Biology 2020 Jan; 219(1):e201902088.

Application: IF, WB-Tr, Mouse, Mouse cortical lysates

- [Negative regulation of NF- \$\kappa\$ B activity by brain-specific TRlpartite Motif protein 9.](#)

Shi M, Cho H, Inn KS, Yang A, Zhao Z, Liang Q, Versteeg GA, Amini-Bavil-Olyae S, Wong LY, Zlokovic BV, Park HS, Garcia-Sastre A, Jung JU.

Nature Communications 2014 Sep; 5:4820.

Application: IP, WB, Human, SK-N-AS neuroblastoma cells

- [A novel Netrin-1-sensitive mechanism promotes local SNARE-mediated exocytosis during axon branching.](#)

Winkle CC, McClain LM, Valtschanoff JG, Park CS, Maglione C, Gupton SL.

The Journal of Cell Biology 2014 Apr; 205(2):217.

Application: WB-Ti, Mouse, Brain, Embryonic cortex, Cortical neurons

## Disease

- [Tobacco Use Disorder](#)