

Product Datasheet

TRIM32 Antibody (2E5) - Azide and BSA Free H00022954-M09

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 10

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Updated 9/9/2025 v.20.1

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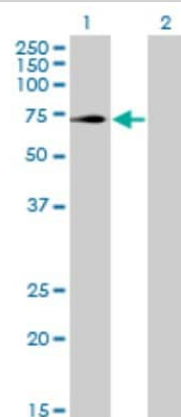


H00022954-M09**TRIM32 Antibody (2E5) - Azide and BSA Free**

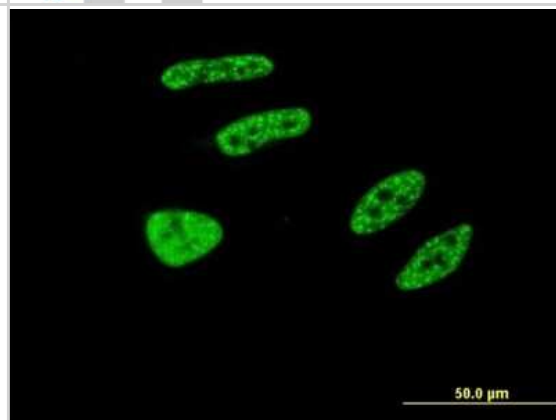
| Product Information | |
|------------------------------------|---|
| Unit Size | 0.1 mg |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 2E5 |
| Preservative | No Preservative |
| Isotype | IgG2a Kappa |
| Purity | IgG purified |
| Buffer | In 1x PBS, pH 7.4 |
| Product Description | |
| Description | Novus Biologicals Mouse TRIM32 Antibody (2E5) - Azide and BSA Free (H00022954-M09) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-TRIM32 Antibody: Cited in 10 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Mouse |
| Gene ID | 22954 |
| Gene Symbol | TRIM32 |
| Species | Human, Mouse |
| Specificity/Sensitivity | TRIM32 (2E5) |
| Immunogen | TRIM32 (NP_036342, 105 a.a. ~ 204 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. RRLPRQFCRSCGLVLCPEPCREADHQPPGHCTLPVKEAAEERRRDFGEKLTRL RELMGELQRRKAALEGVSKDLQARYKAVLQEYGHERRVQDELARSRK |
| Notes | This product is produced by and distributed for Abnova, a company based in Taiwan. |
| Product Application Details | |
| Applications | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockdown Validated |
| Recommended Dilutions | Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Knockdown Validated |
| Application Notes | Antibody reactive against recombinant protein for western blot. It has also been used for RNAi validation and ELISA. |

Images

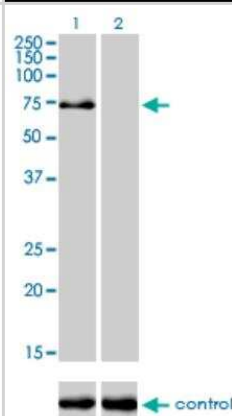
Western Blot: TRIM32 Antibody (2E5) [H00022954-M09] - Analysis of TRIM32 expression in transfected 293T cell line by TRIM32 monoclonal antibody (M09), clone 2E5. Lane 1: TRIM32 transfected lysate (72 KDa). Lane 2: Non-transfected lysate.



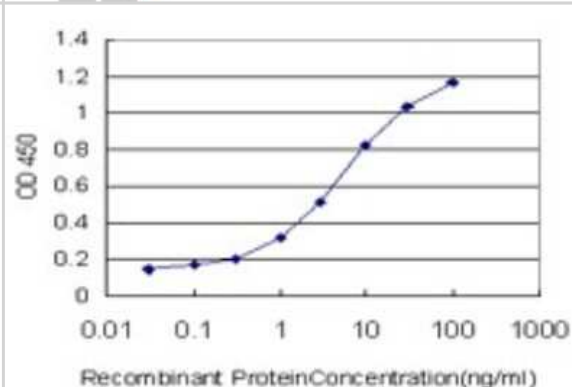
Immunocytochemistry/Immunofluorescence: TRIM32 Antibody (2E5) [H00022954-M09] - Analysis of monoclonal antibody to TRIM32 on HeLa cell. Antibody concentration 10 ug/ml



Western Blot: TRIM32 Antibody (2E5) [H00022954-M09] - Analysis of TRIM32 over-expressed 293 cell line, cotransfected with TRIM32 Validated Chimera RNAi or non-transfected control. Blot probed with H00022954-M09. GAPDH (36.1 kDa) used as loading control.



ELISA: TRIM32 Antibody (2E5) [H00022954-M09] - Detection limit for recombinant GST tagged TRIM32 is approximately 0.3ng/ml as a capture antibody.



Publications

Liu J, Lu S, Zheng L et al. ATM-CHK2-TRIM32 axis regulates ATG7 ubiquitination to initiate autophagy under oxidative stress *Cell reports* 2023-11-28 [PMID: 37943659]

Nicklas S, Hillje AL, Okawa S et al. A complex of the ubiquitin ligase TRIM32 and the deubiquitinase USP7 balances the level of c-Myc ubiquitination and thereby determines neural stem cell fate specification. *Cell Death Differ* 2018-06-13 [PMID: 29899379]

Assereto S, Piccirillo R, Baratto S et al. The ubiquitin ligase tripartite-motif-protein 32 is induced in Duchenne muscular dystrophy. *Lab Invest* 2016-06-13 [PMID: 27295345]

Sato T, Okumura F, Kano S et al. TRIM32 promotes neural differentiation through retinoic acid receptor-mediated transcription. *J Cell Sci.* 2011-10-07 [PMID: 21984809]

Zhang Y, Liu J, Yao S et al. Nuclear factor kappa B signaling initiates early differentiation of neural stem cells. *Stem Cells.* 2012-03-01 [PMID: 22134901]

Nicklas S, Otto A, Wu X et al. TRIM32 Regulates Skeletal Muscle Stem Cell Differentiation and Is Necessary for Normal Adult Muscle Regeneration. *PLoS One.* 2012-01-27 [PMID: 22299041]

Lee ES, Kim WR, Kim Y et al. Polarized and Stage-Dependent Distribution of Immunoreactivity for Novel PDZ-Binding Protein Preso1 in Adult Neurogenic Regions. *Endocrinol Metab (Seoul).* 2014-09-25 [PMID: 25309794]

Bahnassawy L, Perumal TM, Gonzalez-Cano L et al. TRIM32 modulates pluripotency entry and exit by directly regulating Oct4 stability. *Sci Rep.* 2015-08-26 [PMID: 26307407]

Izumi H, Kaneko Y. Trim32 facilitates degradation of MYCN on spindle poles and induces asymmetric cell division in human neuroblastoma cells. *Cancer Res* 2014-10-01 [PMID: 25100564] (ICC/IF, Human)

Schwamborn JC, Berezikov E, Knoblich JA et al. The TRIM-NHL Protein TRIM32 Activates MicroRNAs Prevents Self-Renewal in Mouse . *Neural Progenitors Cell*;136(5):913-25. 2009-03-06 [PMID: 19269368]





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Products Related to H00022954-M09

| | |
|------------------|--|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB7539 | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-96981-0.5mg | Mouse IgG2a Kappa Isotype Control (M2AK) |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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