

Product Datasheet

TRIB3 Antibody (1H2) - Azide and BSA Free H00057761-M03

Unit Size: 0.1 mg

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

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H00057761-M03

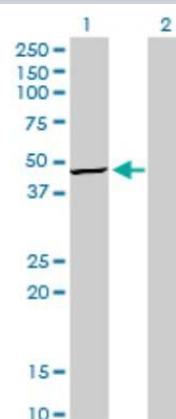
TRIB3 Antibody (1H2) - Azide and BSA Free

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	1H2
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Novus Biologicals Knockout (KO) Validated Mouse TRIB3 Antibody (1H2) - Azide and BSA Free (H00057761-M03) is a monoclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-TRIB3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	57761
Gene Symbol	TRIB3
Species	Human, Mouse
Reactivity Notes	Use in Mouse reported in scientific literature (PMID:33298911) Other species not tested.
Specificity/Sensitivity	TRIB3 - tribbles homolog 3 (Drosophila)
Immunogen	TRIB3 (AAH27484, 56 a.a. ~ 145 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. PDRATAVATASRLGPYVLLPEEGGRAYRALHCPTGTEYTCKVYPVQEALAVL EPYARLPPHKHVARPTEVLAGTQLLYAFFTRTHGDMH
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Proximity Ligation Assay, Knockdown Validated, Knockout Validated
Recommended Dilutions	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Proximity Ligation Assay, Knockout Validated, Knockdown Validated
Application Notes	Use in PLA reported in scientific literature (PMID:33298911).

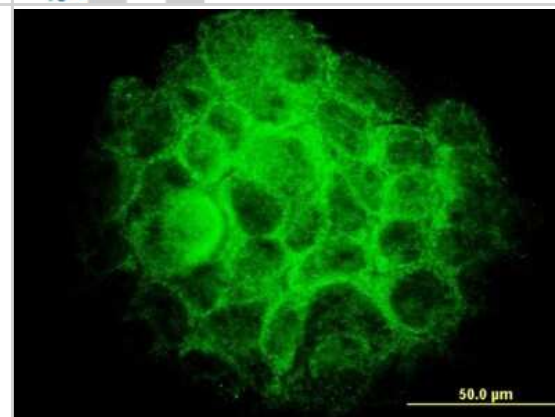


Images

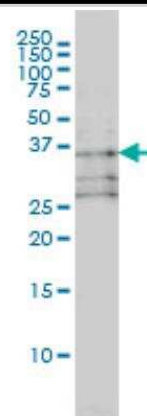
Western Blot: TRIB3 Antibody (1H2) [H00057761-M03] - Analysis of TRIB3 expression in transfected 293T cell line by TRIB3 monoclonal antibody (M03), clone 1H2. Lane 1: TRIB3 transfected lysate (39.6 KDa). Lane 2: Non-transfected lysate.



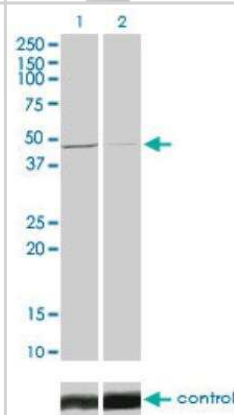
Immunocytochemistry/Immunofluorescence: TRIB3 Antibody (1H2) [H00057761-M03] - Analysis of monoclonal antibody to TRIB3 on A-431 cell. Antibody concentration 10 ug/ml



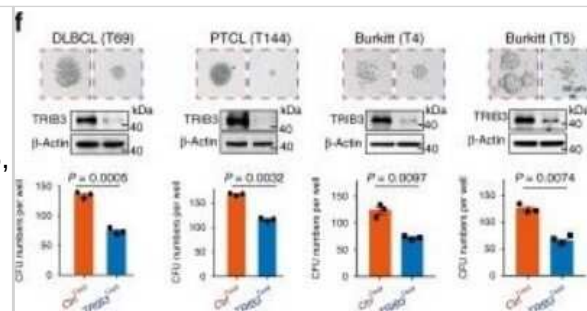
Western Blot: TRIB3 Antibody (1H2) [H00057761-M03] - TRIB3 expression in A-431 (Cat # L015V1).



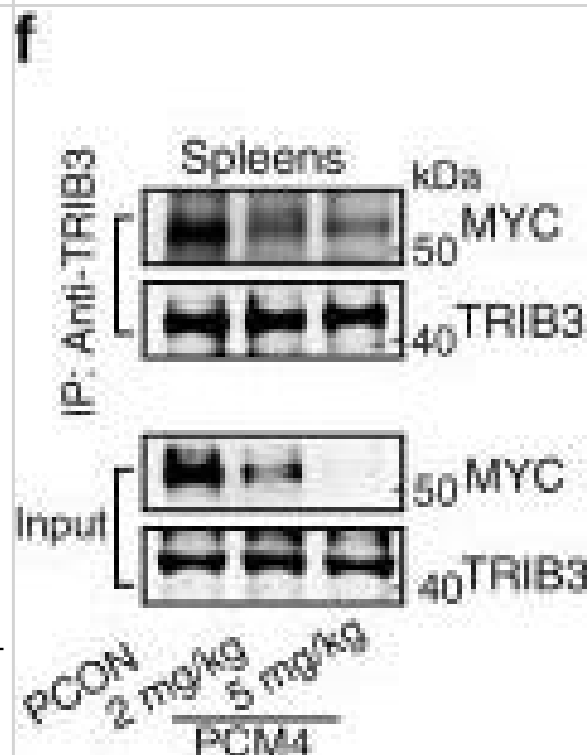
Western Blot: TRIB3 Antibody (1H2) [H00057761-M03] - TRIB3 over-expressed 293 cell line, cotransfected with TRIB3 Validated Chimera RNAi or non-transfected control. Blot probed with H00057761-M03. GAPDH (36.1 kDa) used as loading control.



Western Blot: TRIB3 Antibody (1H2) [H00057761-M03] - Representative images and colony numbers of LCs from the indicated groups with or without TRIB3(H00057761-M03) deletion. Data are presented as the means $\pm$ S.E.M from three independent experiments. Statistical significance was determined by two-tailed Student's t test. P value: 0.0005, 0.0032, 0.0097, and 0.0074. Scale bar, 50 μ m. Image collected and cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/33298911/>) licensed under a CC-BY license.



Western Blot: TRIB3 Antibody (1H2) [H00057761-M03] - Disturbing the TRIB3/MYC interaction attenuates lymphoma in mice. a The strategy for investigating the anti-BCL effects of PCM4 on MycE μ mice in vivo. b, c The data represent the statistical analyses of spleen & LN weights in MycE μ mice (5 months old; n = 7 per group) treated with the indicated agents. Data are represented as means $\pm$ SEM. Statistical significance was determined by two-tailed Student's t test. P value: 0.016; 0.0108, & 0.0038 (b); 0.003, 0.0003, 7.34×10^{-5} (c). d Representative images of Ki67 staining (left) & statistical analyses of Ki67-positive cells (right) in the spleens of MycE μ mice (5 months old; n = 12 per group) treated with the indicated agents. Scale bar, 50 μ m. Data are represented as means $\pm$ SEM. Statistical significance was determined by two-tailed Student's t test. P value: 1.28×10^{-9} , 7.86×10^{-10} , & 1.13×10^{-9} . e The tumorigenicity of BCL cells from the indicated mice was compared by limiting dilution transplantation into NSG mice; n = 8 mice per group. f PCM4 disturbed the TRIB3/MYC interaction in vivo. Spleen lysates from the indicated mice (5 months old) were IP with an anti-TRIB3 Ab & blotted with an anti-MYC Ab. The data are representative of three independent assays. g PCM4-reduced MYC expression. LN & spleen extracts from the indicated mice (5 months old) were blotted with an anti-MYC Ab. The data are presented as representative from three independent experiments. h Kaplan–Meier survival curves for MycE μ BCL mice treated with the indicated agents (n = 10 per group). Statistical difference was determined by two-sided log-rank test. P value: 0.0214 (DOX + PCM4 vs. DOX + PCON). Source data are provided as a Source Data file. Image collected & cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/33298911/>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Li K, Wang F, Yang ZN et al. TRIB3 promotes MYC-associated lymphoma development through suppression of UBE3B-mediated MYC degradation Nature communications 2020-12-09 [PMID: 33298911] (PLA, WB, Mouse)

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Products Related to H00057761-M03

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NB100-56398PEP	TRIB3 Antibody Blocking Peptide

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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