

Product Datasheet

TRIB2 Antibody (1B1) - Azide and BSA Free H00028951-M04

Unit Size: 0.1 mg

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

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Publications: 4

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Updated 9/9/2025 v.20.1

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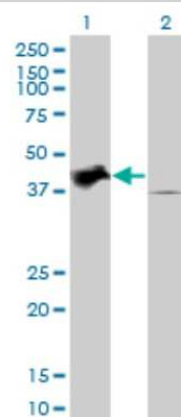
H00028951-M04

TRIB2 Antibody (1B1) - Azide and BSA Free

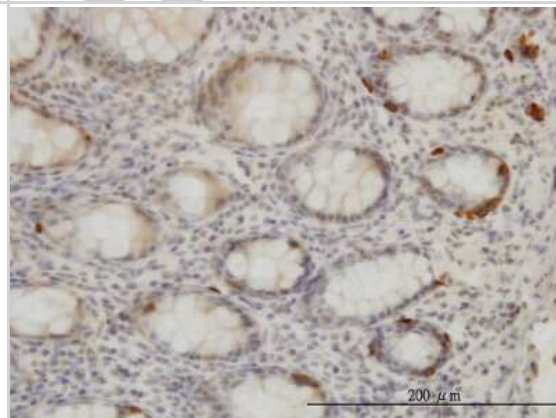
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1B1
Preservative	No Preservative
Isotype	IgG2b Lambda
Purity	Protein A purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Novus Biologicals Mouse TRIB2 Antibody (1B1) - Azide and BSA Free (H00028951-M04) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-TRIB2 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	28951
Gene Symbol	TRIB2
Species	Human
Specificity/Sensitivity	TRIB2 (1B1)
Immunogen	TRIB2 (NP_067675, 254 a.a. ~ 343 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. FHDIEPSSLFSKIRRGQFNIPETLSPKAKCLIRSILRREPSERLTSQEILDHPWFS TDFSVSNSAYGAKEVSDQLVDPDVNMEENLDPFFN
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 3 ug/ml, Knockdown Validated
Application Notes	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for RNAi validation, immunohistochemistry (paraffin) and ELISA. Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID 24089522)

Images

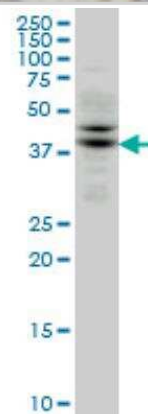
Western Blot: TRIB2 Antibody (1B1) [H00028951-M04] - Analysis of TRIB2 expression in transfected 293T cell line by TRIB2 monoclonal antibody (M04), clone 1B1. Lane 1: TRIB2 transfected lysate (38.8 KDa). Lane 2: Non-transfected lysate.



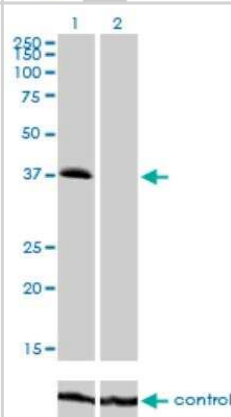
Immunohistochemistry-Paraffin: TRIB2 Antibody (1B1) [H00028951-M04] - Analysis of monoclonal antibody to TRIB2 on formalin-fixed paraffin-embedded human colon. Antibody concentration 3 ug/ml



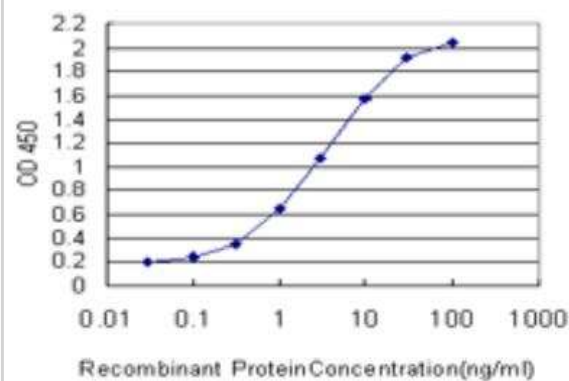
Western Blot: TRIB2 Antibody (1B1) [H00028951-M04] - TRIB2 expression in Jurkat (Cat # L017V1).



Western Blot: TRIB2 Antibody (1B1) [H00028951-M04] - TRIB2 over-expressed 293 cell line, cotransfected with TRIB2 Validated Chimera RNAi or non-transfected control. Blot probed with H00028951-M04. GAPDH (36.1 kDa) used as loading control.



ELISA: TRIB2 Antibody (1B1) [H00028951-M04] - Detection limit for recombinant GST tagged TRIB2 is approximately 0.03ng/ml as a capture antibody.



Publications

Qiao Y, Zhang X, Zhang Y et al. High Glucose Stimulates Tumorigenesis in Hepatocellular Carcinoma Cells Through AGER-Dependent O-GlcNAcylation of c-Jun. *Diabetes* 2016-03-01 [PMID: 26825459]

Qiao Y, Zhang Y, Wang J. Ubiquitin E3 ligase SCF(beta-TRCP) regulates TRIB2 stability in liver cancer cells. *Biochem Biophys Res Commun.* 2013-11-22 [PMID: 24211582] (Human)

Xu S, Tong M, Huang J et al. TRIB2 inhibits Wnt/beta-Catenin/TCF4 signaling through its associated ubiquitin E3 ligases, beta-TrCP, COP1 and Smurf1, in liver cancer cells. *FEBS Lett.* 2014-11-28 [PMID: 25311538] (Human)

Wang J, Zhang Y, Weng W et al. Impaired phosphorylation and ubiquitination by p70 S6 kinase (p70S6K) and Smad ubiquitination regulatory factor 1 (Smurf1) promote tribbles homolog 2 (TRIB2) stability and carcinogenic property in liver cancer. *J Biol Chem.* 2013-11-22 [PMID: 24089522] (ICC/IF, IF/IHC, Human)





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Products Related to H00028951-M04

NB800-PC2	Jurkat Whole Cell Lysate
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]

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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