

Product Datasheet

TEAD4 Antibody (5H3) - Azide and BSA Free H00007004-M01

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

Publications: 6

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/H00007004-M01

Updated 2/21/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/H00007004-M01



H00007004-M01

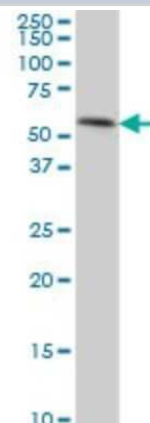
TEAD4 Antibody (5H3) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5H3
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	Ascites
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	7004
Gene Symbol	TEAD4
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 23195226). Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	TEAD4 - TEA domain family member 4
Immunogen	TEAD4 (NP_003204, 151 a.a. ~ 260 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. ARGPGRPAVSGFWQGALPGQAGTSHDVKPFSQQTYAVQPPLPLPGFESPAG PAPSPSAPPAPPWQGRSVASSKLWMLEFSAFLEQQQDPDTYNKHLFVHIGQS SPSYSDP
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, Immunoprecipitation, Knockdown Validated
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Knockdown Validated
Application Notes	This antibody reactivity against cell lysate and recombinant protein for WB. It has been used for RNAi Validation and ELISA. ICC/IF usage reported in scientific literature (PMID: 23195226).

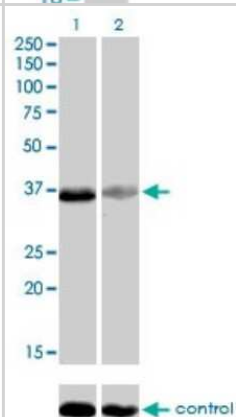


Images

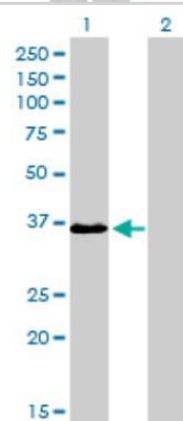
Western Blot: TEAD4 Antibody (5H3) [H00007004-M01] - TEAD4 monoclonal antibody (M01), clone 5H3 Analysis of TEAD4 expression in HeLa.



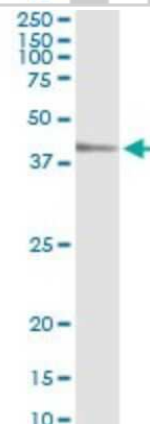
Western Blot: TEAD4 Antibody (5H3) [H00007004-M01] - Analysis of TEAD4 over-expressed 293 cell line, cotransfected with TEAD4 Validated Chimera RNAi (Cat # H00007004-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with TEAD4 monoclonal antibody (M01), clone 5H3 (Cat # H00007004-M01). GAPDH (36.1 kDa) used as specificity and loading control.



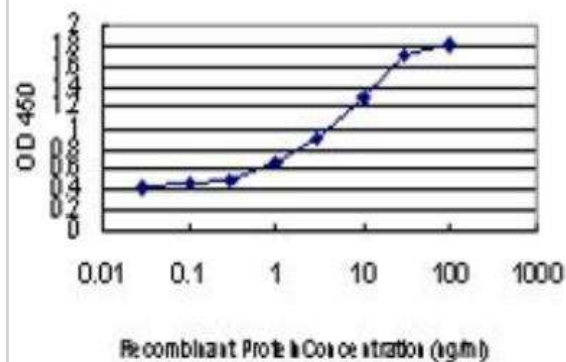
Western Blot: TEAD4 Antibody (5H3) [H00007004-M01] - Analysis of TEAD4 expression in transfected 293T cell line by TEAD4 monoclonal antibody (M01), clone 5H3. Lane 1: TEAD4 transfected lysate (34.2 kDa). Lane 2: Non-transfected lysate.



Immunoprecipitation: TEAD4 Antibody (5H3) [H00007004-M01] - Analysis of TEAD4 transfected lysate using anti-TEAD4 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with TEAD4 MaxPab rabbit polyclonal antibody.



ELISA: TEAD4 Antibody (5H3) [H00007004-M01] - Detection limit for recombinant GST tagged TEAD4 is approximately 0.03ng/ml as a capture antibody.



Publications

Lim B, Kim HJ, Heo H et al. Epigenetic silencing of miR-1271 enhances MEK1 and TEAD4 expression in gastric cancer. *Cancer Med* 2018-06-04 [PMID: 29862663]

Sun C, De Mello V, Mohamed A et al. Common and Distinctive Functions of the Hippo Effectors Taz and Yap in Skeletal Muscle Stem Cell Function. *Stem Cells*. 2017-06-07 [PMID: 28589555]

Tanas MR, Ma S, Jadaan FO et al. Mechanism of action of a WWTR1(TAZ)-CAMTA1 fusion oncoprotein. *Oncogene* 2016-02-18 [PMID: 25961935] (WB)

Benhaddou A, Keime C, Ye T et al. Transcription factor TEAD4 regulates expression of Myogenin and the unfolded protein response genes during C2C12 cell differentiation. *Cell Death Differ*. 2011-06-24 [PMID: 21701496]

O'Driscoll CM, Coulter JB, Bressler JP. Induction of a trophoblast-like phenotype by hydralazine in the p19 embryonic carcinoma cell line. *Biochim Biophys Acta*. 2013-03-01 [PMID: 23195226] (ICC/IF, Mouse)

Lim Byungho, Park Jong-Lyul, Kim Hee-Jin et al. Integrative genomics analysis reveals the multilevel dysregulation and oncogenic characteristics of TEAD4 in gastric cancer. *Carcinogenesis*. 2014-05-01 [PMID: 24325916] (Human)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to H00007004-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00007004-Q01-10ug	Recombinant Human TEAD4 GST (N-Term) Protein

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/H00007004-M01

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

