

# Product Datasheet

## TBX2 Antibody (7G5) - Azide and BSA Free H00006909-M01-50ug

Unit Size: 50 ug

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

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### Publications: 2

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**H00006909-M01-50ug**

TBX2 Antibody (7G5) - Azide and BSA Free

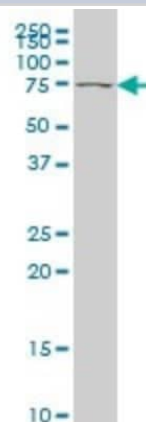
Product Information	
Unit Size	50 ug
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	7G5
Preservative	No Preservative
Isotype	IgG3 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	6909
Gene Symbol	TBX2
Species	Human
Specificity/Sensitivity	TBX2 - T-box 2
Immunogen	TBX2 (NP_005985, 603 a.a. ~ 702 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. GSARPRLRFSPYQIPVTIPPSTSLTTGLASEGSKAAGGNSREPSPLPELALRK VGAPSRGALSPSGSAKEAANELQSIQRLVSGLESQRALSPGRESK
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

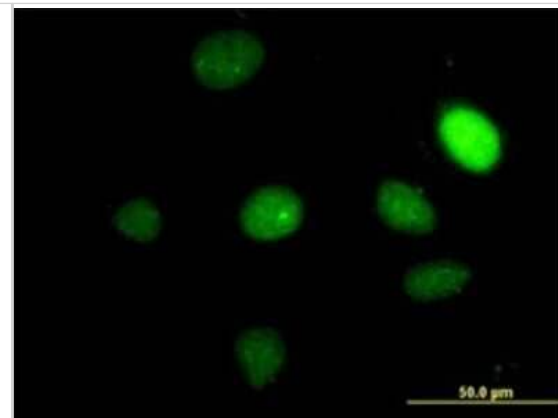
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA, Knockdown Validated
Recommended Dilutions	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA, Knockdown Validated
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF, RNAi Validation and ELISA.

**Images**

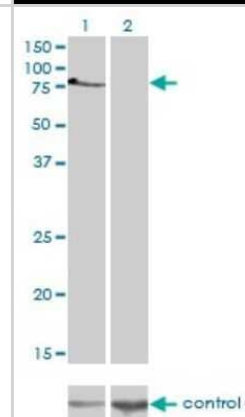
Western Blot: TBX2 Antibody (7G5) [H00006909-M01] - TBX2 monoclonal antibody (M01), clone 7G5 Analysis of TBX2 expression in Hela S3 NE.



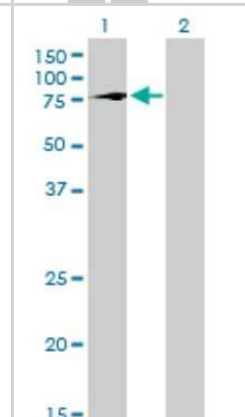
Immunocytochemistry/Immunofluorescence: TBX2 Antibody (7G5) [H00006909-M01] - Analysis of monoclonal antibody to TBX2 on HeLa cell. Antibody concentration 30 ug/ml.



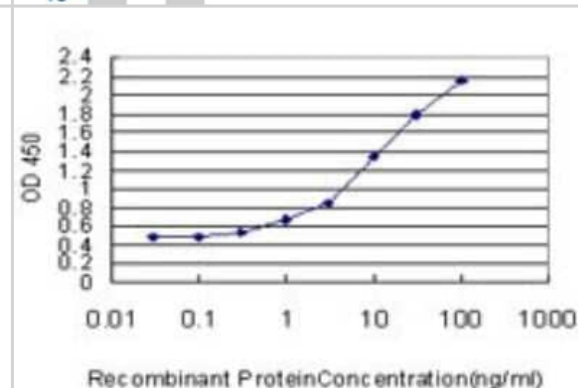
Western Blot: TBX2 Antibody (7G5) [H00006909-M01] - Analysis of TBX2 over-expressed 293 cell line, cotransfected with TBX2 Validated Chimera RNAi ( Cat # H00006909-R01V ) (Lane 2) or non-transfected control (Lane 1). Blot probed with TBX2 monoclonal antibody (M01), clone 7G5 (Cat # H00006909-M01 ). GAPDH ( 36.1 kDa ) used as specificity and loading control.



Western Blot: TBX2 Antibody (7G5) [H00006909-M01] - Analysis of TBX2 expression in transfected 293T cell line by TBX2 monoclonal antibody (M01), clone 7G5. Lane 1: TBX2 transfected lysate (74.1 kDa). Lane 2: Non-transfected lysate.



Sandwich ELISA: TBX2 Antibody (7G5) [H00006909-M01] - Detection limit for recombinant GST tagged TBX2 is approximately 0.3ng/ml as a capture antibody.



## Publications

Haichuan H, Zofia P, Patricia H et al. Three subtypes of lung cancer fibroblasts define distinct therapeutic paradigms. Cancer Cell. 2021-10-07 [PMID: 34624218]

Fantini D , Huang S, Asara JM et al. Chromatin Association of XRCC5/6 in the Absence of DNA Damage Depends upon the XPE Gene Product DDB2. Molecular Biology of The Cell. 2016-11-09 [PMID: 28035050] (WB, Mouse)



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### **Products Related to H00006909-M01-50ug**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96978	Mouse IgG3 Kappa Light Chain Isotype Control (MG3K)
NBP1-89459PEP	TBX2 Recombinant Protein Antigen

### **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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