

Product Datasheet

Twist-2 Antibody (3C8) - Azide and BSA Free H00117581-M01

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

Publications: 14

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/H00117581-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/H00117581-M01



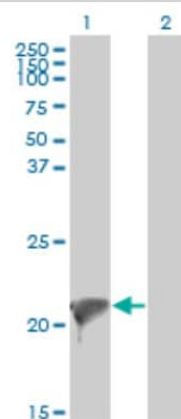
H00117581-M01

Twist-2 Antibody (3C8) - Azide and BSA Free

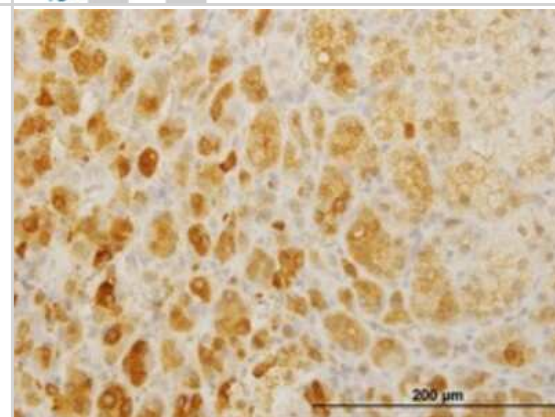
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3C8
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	117581
Gene Symbol	TWIST2
Species	Human, Mouse
Specificity/Sensitivity	TWIST2 - twist homolog 2 (Drosophila)
Immunogen	TWIST2 (AAH33168, 1 a.a. ~ 160 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MEEGSSSPVSPVDSLGTSEEELERQPKRFGRKRRYSKKSSSEDGSPTPGKRGK KGSPSAQSFEELQSQRILANVRERQRTQSLNEAFAALRKIIPTLPSDKLSKIQTL KLAARYIDFLYQVLQSDMDNKMTSCSYVAHERLSYAFSVWRMEGSWSMSAS H
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, Immunohistochemistry-Paraffin, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Chromatin Immunoprecipitation (ChIP)
Application Notes	Antibody reactive against recombinant protein for Western Blot. Has also been used for immunohistochemistry (paraffin) and ELISA.

Images

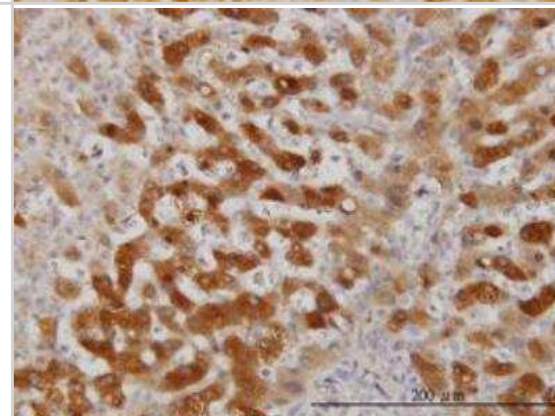
Western Blot: Twist-2 Antibody (3C8) [H00117581-M01] - Analysis of TWIST2 expression in transfected 293T cell line by TWIST2 monoclonal antibody (M01), clone 3C8. Lane 1: TWIST2 transfected lysate (18.1 KDa). Lane 2: Non-transfected lysate.



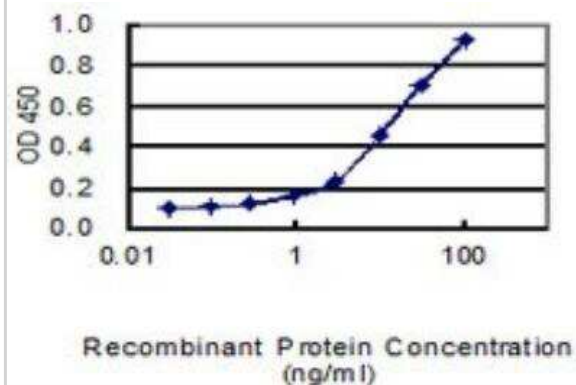
Immunohistochemistry-Paraffin: Twist-2 Antibody (3C8) [H00117581-M01] - Analysis of monoclonal antibody to TWIST2 on formalin-fixed paraffin-embedded human adrenal gland. Antibody concentration 3 ug/ml.



Immunohistochemistry-Paraffin: Twist-2 Antibody (3C8) [H00117581-M01] - Immunoperoxidase of monoclonal antibody to TWIST2 (Cat # H00117581-M01) on formalin-fixed paraffin-embedded human liver. [antibody concentration 3ug/ml]



ELISA: Twist-2 Antibody (3C8) [H00117581-M01] - Detection limit for recombinant GST tagged TWIST2 is 0.3 ng/ml as a capture antibody.



Publications

Jin K, Minji P, Jungyoon O et al. Twist2-driven chromatin remodeling governs the postnatal maturation of dermal fibroblasts. *Cell Rep.* 2022-05-17 [PMID: 35584664]

Sunsook H, Changjin L, Kyungsoo P et al. Twist2 Promotes CD8 + T-cell Differentiation by Repressing ThPOK Expression. *Cell Death Differ.* 2020-05-18 [PMID: 32424141]

Zhang J, Lin X, Wu L et al. Aurora B induces epithelial-mesenchymal transition by stabilizing Snail1 to promote basal-like breast cancer metastasis. *Oncogene.* 2020-01-29 [PMID: 31996785]

Radnaa E, Richardson L, Goldman B Et al. Stress signaler p38 mitogen-activated kinase activation: a cause for concern? *Clin Sci (Lond)* 2022-10-17 [PMID: 36250628] (CyTOF-ready, Human)

Details:

Citation using the Azide and BSA Free version of this antibody.

Singh M, Venugopal C, Tokar T et al. RNAi screen identifies essential regulators of human brain metastasis-initiating cells. *Acta Neuropathol* 2017-08-01 [PMID: 28766011]

Oh S, Oh J, Lee C et al. Expression of Twist2 is controlled by T-cell receptor signaling and determines the survival and death of thymocytes. *Cell Death Differ* 2016-07-08 [PMID: 27391798]

Fang X, Cai Y, Liu J et al. Twist2 contributes to breast cancer progression by promoting an epithelial-mesenchymal transition and cancer stem-like cell self-renewal. *Oncogene.* 2011-05-23 [PMID: 21602879]

Plasilova M, Chattopadhyay C, Ghosh A et al. Discordant Gene Expression Signatures and Related Phenotypic Differences in Lamin A-and A/C-Related Hutchinson-Gilford Progeria Syndrome (HGPS). *PLoS One.* 2011-06-27 [PMID: 21738662]

Mao Y, Zhang N, Xu J et al. Significance of heterogeneous twist2 expression in human breast cancers. *PLoS One.* 2012-10-25 [PMID: 23133563]

Rodrigues IS, Lavorato-Rocha AM, de M Maia B et al. Epithelial-mesenchymal transition-like events in vulvar cancer and its relation with HPV. *Br J Cancer.* 2013-06-18 [PMID: 23778524]

Yu H, Jin GZ, Liu K et al. Twist2 is a valuable prognostic biomarker for colorectal cancer. *World J Gastroenterol.* 2013-04-21 [PMID: 23613636] (IF/IHC, Human)

Carvalho ST, Stiepcich MM, Fregnani JH et al. Evaluation of prognostic factors in stage IIA breast tumors and their correlation with mortality risk *Clinics (Sao Paulo)* 2011-01-01 [PMID: 21655754] (IF/IHC, Human)

More publications at <http://www.novusbio.com/H00117581-M01>





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 H00117581-M01

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)
H00117581-P01-10ug	Recombinant Human Twist-2 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/H00117581-M01

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

