

# Product Datasheet

## Twist-1 Antibody (3E11) - Azide and BSA Free H00007291-M01

Unit Size: 0.1 mg

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

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**H00007291-M01**

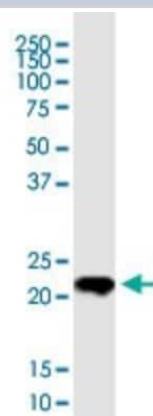
Twist-1 Antibody (3E11) - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	3E11
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	7291
<b>Gene Symbol</b>	TWIST1
<b>Species</b>	Human, Rat, Canine
<b>Specificity/Sensitivity</b>	TWIST1 - twist homolog 1 (acrocephalosyndactyly 3; Saethre-Chotzen syndrome) (Drosophila)
<b>Immunogen</b>	TWIST1 (NP_000465, 100 a.a. ~ 202 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. PQSYEELQTQRVMANVRERQRTQSLNEAFAALRKIIPTLPSDKLSKIQTLKLAAR YIDFLYQVLQSDDELDSKMASCYSVAHERLSYAFSVWRMEGAWSMSASH
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Knockdown Validated
<b>Application Notes</b>	Antibody reactivity against transfected lysate and recombinant protein for WB. It has been used for RNAi Validation and ELISA. ICC/IF usage reported in scientific literature (PMID: 25002532).

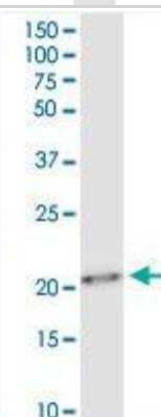


**Images**

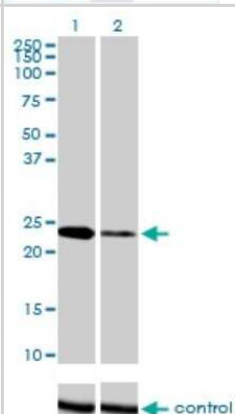
Western Blot: Twist-1 Antibody (3E11) [H00007291-M01] - TWIST1 monoclonal antibody (M01), clone 3E11. Analysis of TWIST1 expression in rat testis.



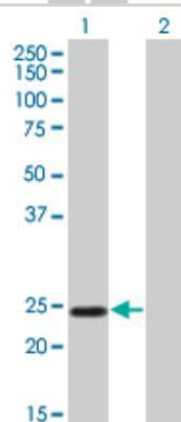
Western Blot: Twist-1 Antibody (3E11) [H00007291-M01] - Western Blot analysis in rat brain.



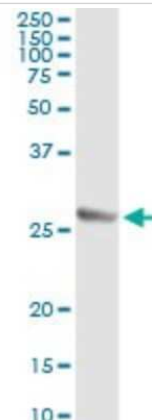
Western Blot: Twist-1 Antibody (3E11) [H00007291-M01] - Analysis of TWIST1 over-expressed 293 cell line, cotransfected with TWIST1 Validated Chimera RNAi ( Cat # H00007291-R01V ) (Lane 2) or non-transfected control (Lane 1). Blot probed with TWIST1 monoclonal antibody (M01), clone 3E11 (Cat # H00007291-M01 ). GAPDH ( 36.1 kDa ) used as specificity and loading control.



Western Blot: Twist-1 Antibody (3E11) [H00007291-M01] - Analysis of TWIST1 expression in transfected 293T cell line by TWIST1 monoclonal antibody (M01), clone 3E11. Lane 1: TWIST1 transfected lysate(21 KDa). Lane 2: Non-transfected lysate.



Immunoprecipitation: Twist-1 Antibody (3E11) [H00007291-M01] - Analysis of TWIST1 transfected lysate using anti-TWIST1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with TWIST1 MaxPab rabbit polyclonal antibody.



## Publications

Meng J, Chen S, Lei YY et al. Hsp90 $\alpha$  promotes aggressive vasculogenic mimicry via epithelial-mesenchymal transition in hepatocellular carcinoma. *Oncogene* 2018-08-07 [PMID: 30087438]

Kahn SA, Wang X, Nitta RT et al. Notch1 regulates the initiation of metastasis and self-renewal of Group 3 medulloblastoma. *Nat Commun* 2017-10-08 [PMID: 30297829]

Bornachea O, Santos M, Martinez-Cruz AB et al. EMT and induction of miR-21 mediate metastasis development in Trp53-deficient tumours. *Sci Rep.* 2012-01-01 [PMID: 22666537] (WB)

Schaeffer D, Somarelli JA, Hanna G et al. Cellular migration and invasion uncoupled: increased migration is not an inexorable consequence of epithelial-to-mesenchymal transition. *Mol Cell Biol.* 2014-09-15 [PMID: 25002532] (ICC/IF)

Saito Y, Murata-Kamiya N, Hirayama T et al. Conversion of Helicobacter pylori CagA from senescence inducer to oncogenic driver through polarity-dependent regulation of p21. *J Exp Med* 207(10):2157-74. 2010-09-27 [PMID: 20855497]



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### Products Related to H00007291-M01

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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)
H00007291-Q01-10ug	Recombinant Human Twist-1 GST (N-Term) Protein

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### 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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