

Product Datasheet

ZEB1 Antibody (4C4) - Azide and BSA Free H00006935-M01

Unit Size: 0.1 mg

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

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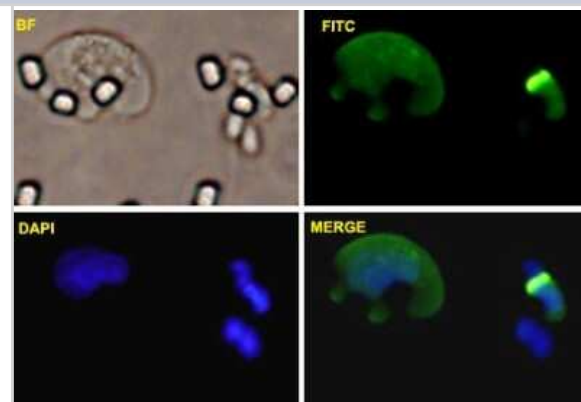
H00006935-M01**ZEB1 Antibody (4C4) - Azide and BSA Free**

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	4C4
Preservative	No Preservative
Isotype	IgG2a 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	6935
Gene Symbol	ZEB1
Species	Human
Marker	Mesenchymal Cells Marker
Specificity/Sensitivity	transcription factor 8 (represses interleukin 2 expression)
Immunogen	ZEB1 (NP_110378, 801 a.a. ~ 900 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. NIAIPTVTAQLPTIVAIADQNSVPCLRALAANKQTILIPQVAYTYSTTVSPAVQEPP LKVIQPNGNQDERQDTSSEGVSNVEDQNDSDSTPPKKKMRKTE
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
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

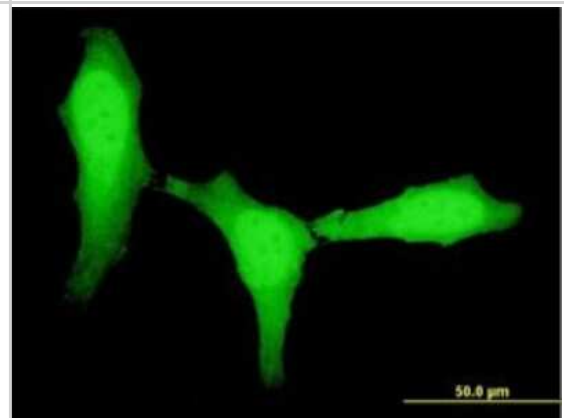


Images

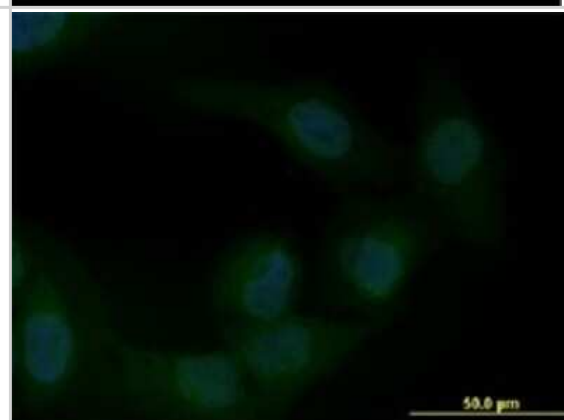
Immunocytochemistry/Immunofluorescence: ZEB1 Antibody (4C4) [H00006935-M01] - U-2 OS cells were stained with ZEB1-FITC labeled monoclonal antibody (Green). The cell nucleus were counterstained with DAPI (Blue).



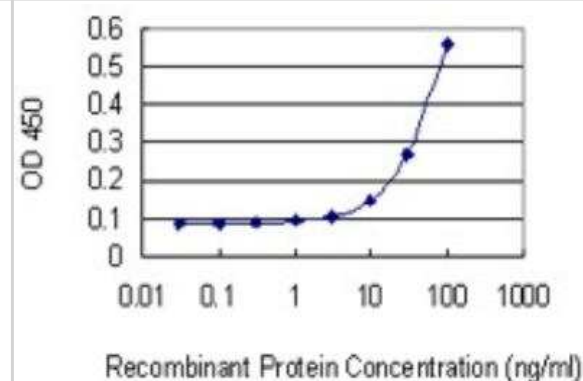
Immunocytochemistry/Immunofluorescence: ZEB1 Antibody (4C4) [H00006935-M01] - Analysis of monoclonal antibody to ZEB1 on HeLa cell . Antibody concentration 10 ug/ml.



Immunocytochemistry/Immunofluorescence: ZEB1 Antibody (4C4) [H00006935-M01] - Analysis of monoclonal antibody to ZEB1 on U-2 OS cell. Antibody concentration 10 ug/ml.



ELISA: ZEB1 Antibody (4C4) [H00006935-M01] - Detection limit for recombinant GST tagged ZEB1 is 3 ng/ml as a capture antibody.



Publications

Layla A, Tala B, Wejdan A et al. Eugenol modulates genomic methylation and inactivates breast cancer-associated fibroblasts through E2F1-dependent downregulation of DNMT1/DNMT3A. *Mol Carcinog*. 2021-09-02 [PMID: 34473867]

Mathilde C, Claire C, Celine D et al. Specificities of small cell neuroendocrine prostate cancer: Adverse prognostic value of TTF1 expression. *Urol Oncol*. 2020-07-29 [PMID: 32739231]

Dong X, Han Y, Zhang E et al. Tumor suppressor DCAF15 inhibits epithelial-mesenchymal transition by targeting ZEB1 for proteasomal degradation in hepatocellular carcinoma *Aging* 2021-04-04 [PMID: 33833131] (WB, Human)

Figiel S, Pasqualin C, Bery F et al. Functional organotypic cultures of prostate tissues: a relevant preclinical model that preserves hypoxia sensitivity and calcium signaling. *Am J Pathol*. 2019-04-05 [PMID: 30954471]

Al-Harbi B, Hendrayani SF, Silva G, Aboussekhra A et al. Let-7b inhibits cancer-promoting effects of breast cancer-associated fibroblasts through IL-8 repression. *Oncotarget*. 2018-04-03 [PMID: 29707149]

Al-Khalaf HH, Amir M, Al-Mohanna F et al. Obesity and p16INK4A Downregulation Activate Breast Adipocytes and Promote Their Protumorigenicity. *Mol Cell Biol* 2017-08-11 [PMID: 28630279]

Al-Khalaf HH, Aboussekhra A. p16INK4A induces senescence and inhibits EMT through microRNA-141/microRNA-146b-5p-dependent repression of AUF1. *Mol Carcinog* 2016-09-06 [PMID: 27596953]

Hendrayani SF, Al-Khalaf HH, Aboussekhra A. The Cytokine IL-6 Reactivates Breast Stromal Fibroblasts through Transcription Factor STAT3-dependent Up-regulation of the RNA Binding Protein AUF1. *J Biol Chem*. 2014-09-17 [PMID: 25231991]





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 H00006935-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)
NBP2-13159PEP	ZEB1 Antibody Blocking Peptide

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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