

# Product Datasheet

## FoxC2 Antibody (2H3) - Azide and BSA Free H00002303-M02

Unit Size: 0.1 mg

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

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 6

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/H00002303-M02](http://www.novusbio.com/H00002303-M02)

Updated 2/21/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/H00002303-M02](http://www.novusbio.com/reviews/destination/H00002303-M02)



**H00002303-M02**

FoxC2 Antibody (2H3) - Azide and BSA Free

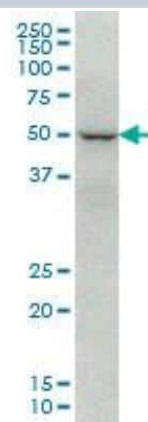
Product Information	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	2H3
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2b Lambda
<b>Purity</b>	Protein A purified
<b>Buffer</b>	In 1x PBS, pH 7.4

Product Description	
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	2303
<b>Gene Symbol</b>	FOXC2
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	FOXC2 (2H3)
<b>Immunogen</b>	FOXC2 (NP_005242.1, 421 a.a. ~ 501 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. AASWYLNHSGDLNHLPGHTFAAQQTFFPNVREMFNSHRLGIENSTLGESQVS GNASCQLPYRSTPPLYRHAAPYSYDCTKY
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.

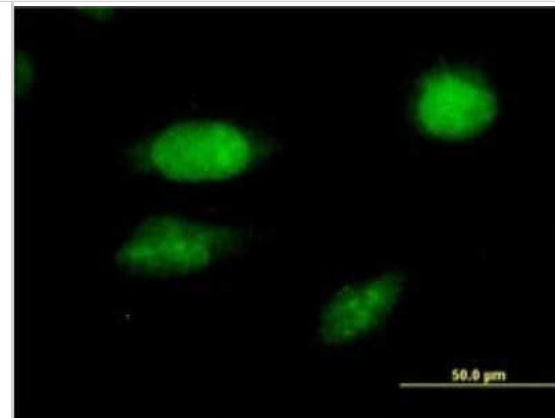
Product Application Details	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 10ug/mL, Immunohistochemistry-Paraffin, Sandwich ELISA
<b>Application Notes</b>	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF, IHC-P and ELISA.

**Images**

Western Blot: FoxC2 Antibody (2H3) [H00002303-M02] - Western Blot analysis of FOXC2 expression in PC-12 ( Cat # L012V1 ).



Immunocytochemistry/Immunofluorescence: FoxC2 Antibody (2H3) [H00002303-M02] - Analysis of monoclonal antibody to FOXC2 on HeLa cell. Antibody concentration 10 ug/ml.



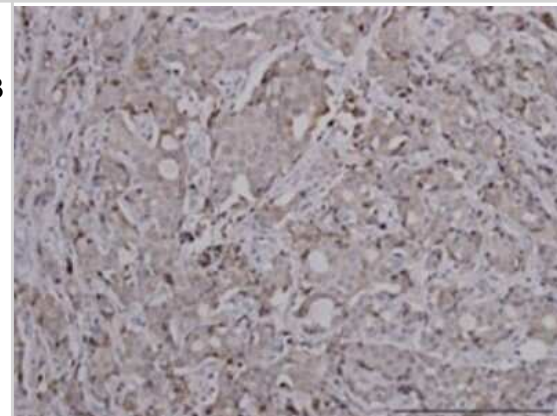
Immunohistochemistry-Paraffin: FoxC2 Antibody (2H3) [H00002303-M02] - Immunoperoxidase of monoclonal antibody to FoxC2 on formalin-fixed paraffin-embedded human hepatocellular carcinoma. [antibody concentration 3 ug/ml]



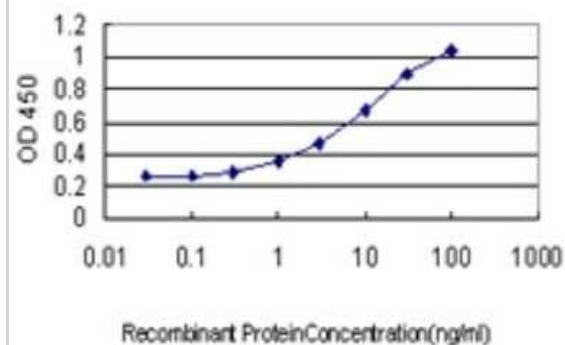
Immunohistochemistry-Paraffin: FoxC2 Antibody (2H3) [H00002303-M02] - Analysis of monoclonal antibody to FOXC2 on formalin-fixed paraffin-embedded human lateral ventricle wall. Antibody concentration 3 ug/ml.



Immunohistochemistry-Paraffin: FoxC2 Antibody (2H3) [H00002303-M02] - Immunoperoxidase of monoclonal antibody to FoxC2 on formalin-fixed paraffin-embedded human breast cancer. [antibody concentration 3 ug/ml]



Sandwich ELISA: FoxC2 Antibody (2H3) [H00002303-M02] - Detection limit for recombinant GST tagged FOXC2 is approximately 0.3ng/ml as a capture antibody.



## Publications

Borretzen A, Gravdal K, Haukaas S et al. FOXC2 expression and epithelial-mesenchymal phenotypes are associated with castration resistance, metastasis and survival in prostate cancer. *J Pathol Clin Res*. 2019-08-28 [PMID: 31464093]

Shimoda Y, Ubukata Y, Handa T et al. High expression of forkhead box protein C2 is associated with aggressive phenotypes and poor prognosis in clinical hepatocellular carcinoma. *BMC Cancer* 2018-05-25 [PMID: 29801468]

Yu YH, Chen HA, Chen PS et al. MiR-520h-mediated FOXC2 regulation is critical for inhibition of lung cancer progression by resveratrol. *Oncogene*. 2012-03-12 [PMID: 22410781]

Imayama N, Yamada SI, Yanamoto S et al. FOXC2 Expression is Associated with Tumor Proliferation and Invasion Potential in Oral Tongue Squamous Cell Carcinoma. *Pathol Oncol Res*. 2015-01-09 [PMID: 25573594]

Zhu JL, Song YX, Wang ZN et al. The clinical significance of mesenchyme forkhead 1 (FoxC2) in gastric carcinoma. *Histopathology*. 2013-06-01 [PMID: 23614500] (Human)

Nishida N, Mimori K, Yokobori T et al. FOXC2 is a Novel Prognostic Factor in Human Esophageal Squamous Cell Carcinoma. *Ann Surg Oncol*. 2010-08-28 [PMID: 20803080]





### 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 H00002303-M02

---

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
H00002303-P01-10ug	Recombinant Human FoxC2 GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]

---

### 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](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/H00002303-M02](http://www.novusbio.com/reviews/submit/H00002303-M02)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

