

# Product Datasheet

## FoxC2 Antibody **NB100-1269**

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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



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

**Reviews: 2 Publications: 4**

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB100-1269](http://www.novusbio.com/NB100-1269)

Updated 9/9/2025 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/NB100-1269](http://www.novusbio.com/reviews/destination/NB100-1269)



**NB100-1269**

FoxC2 Antibody

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
<b>Target Molecular Weight</b>	54 kDa

**Product Description**

<b>Description</b>	Novus Biologicals Goat FoxC2 Antibody (NB100-1269) is a polyclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. Anti-FoxC2 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	2303
<b>Gene Symbol</b>	FOXC2
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	Peptide with sequence RHAAPYSYDCTKY corresponding to C-Terminus according to NP_005242.1.

**Product Application Details**

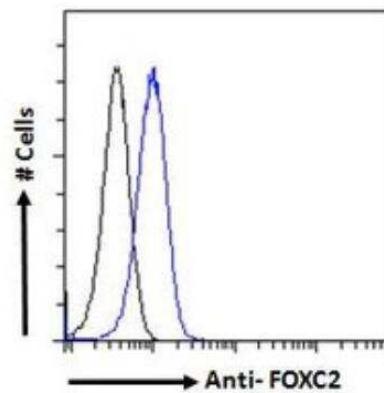
<b>Applications</b>	Western Blot, Flow Cytometry, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 2 ug/mL, Flow Cytometry 10 ug/mL, Peptide ELISA Detection limit 1:4000
<b>Application Notes</b>	IHC validated for previous lots. Use in IHC-frozen, and ICC/IF reported in scientific literature (PMID: 23862012).

## Images

Western Blot: FoxC2 Antibody [NB100-1269] - Staining of nuclear HEK293 cell lysate with antibody at 2 ug/mL (A) and negative control human pancreas cell lysate with antibody at 1 ug/mL (B) (RIPA buffer 35 ug total protein per lane). Detected by chemiluminescence.



Flow Cytometry: FoxC2 Antibody [NB100-1269] - Analysis of paraformaldehyde fixed HEK293 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



## Publications

Brice G, Mansour S, Bell R et al. Analysis of the phenotypic abnormalities in lymphoedema-distichiasis syndrome in 74 patients with FOXC2 mutations or linkage to 16q24. *J Med Genet* 2002-07-01 [PMID: 12114478]

Siegenthaler JA, Choe Y, Patterson KP et al. Foxc1 is required by pericytes during fetal brain angiogenesis. *Biol Open* 2013 May 20 [PMID: 23862012] (IHC-Fr, ICC/IF, Mouse)

Zarbalis, K et al. Cortical dysplasia skull defects in mice with a Foxc1 allele reveal the role of meningeal differentiation in regulating cortical development. *PNAS*, Aug; 104: 14002 - 14007. 2007-01-01 [PMID: 17715063]

Dagenais, SL et al. Foxc2 is expressed in developing lymphatic vessels and other tissues associated with lymphedema-distichiasis syndrome. *Gene Expr Patterns* 4(6):611-9. 2004-10-01 [PMID: 15465483]



## 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](http://www.novusbio.com)  
Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)  
Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)  
General: [novus@novusbio.com](mailto:novus@novusbio.com)

## Products Related to NB100-1269

NBL1-10802	FoxC2 Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

## 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/NB100-1269](http://www.novusbio.com/reviews/submit/NB100-1269)

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

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



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