

# Product Datasheet

## FoxO1/FKHR Antibody (83N7F8) - Azide and BSA Free NBP2-80741

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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



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

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-80741](http://www.novusbio.com/NBP2-80741)

Updated 4/13/2025 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/NBP2-80741](http://www.novusbio.com/reviews/destination/NBP2-80741)



**NBP2-80741**

FoxO1/FKHR Antibody (83N7F8) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	83N7F8
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2b Kappa
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS

**Product Description**

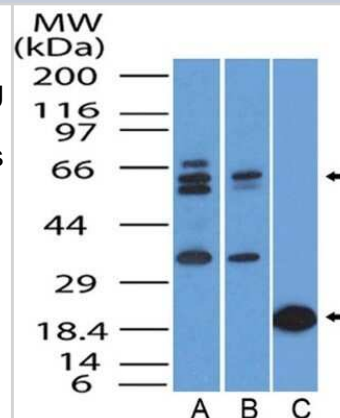
<b>Host</b>	Mouse
<b>Gene ID</b>	2308
<b>Gene Symbol</b>	FOXO1
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	FOXO1A

**Product Application Details**

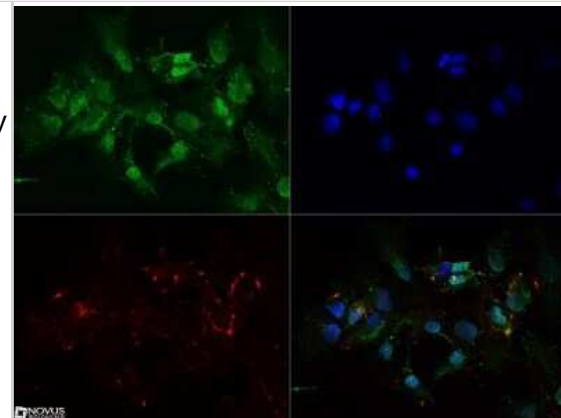
<b>Applications</b>	Western Blot, Simple Western, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot 0.5-2 ug/ml, Simple Western 1:50, Flow Cytometry, Immunohistochemistry 5 ug/ml, Immunocytochemistry/ Immunofluorescence 0.1-2 ug/ml, Immunohistochemistry-Paraffin 5 ug/ml, CyTOF-ready
<b>Application Notes</b>	In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See <a href="#">Simple Western Antibody Database</a> for Simple Western validation: antibody dilution of 1:50

**Images**

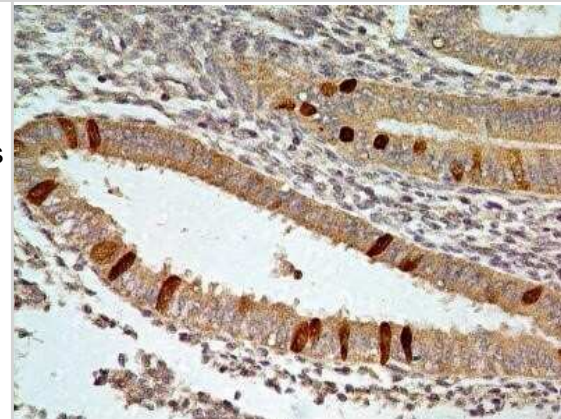
Western Blot: FoxO1/FKHR Antibody (83N7F8) - Azide and BSA Free [NBP2-80741] - Detection of FOXO1A / FOXO1 protein in (A) Hela cells lysate, (B) Jurkat cell lysate, and (C) partial recombinant protein by using FOXO1A antibody at a concentration of 0.5 ug/ml for lysate and 0.05 ug/ml for the recombinant protein. Image from the standard format of this antibody.



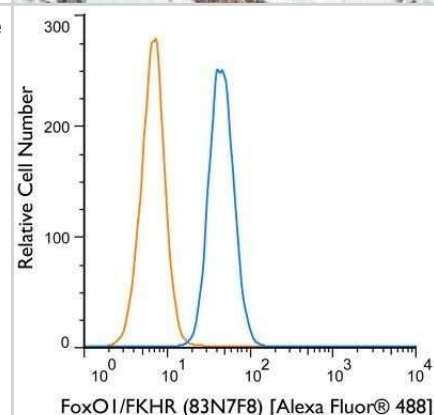
**Immunocytochemistry/Immunofluorescence:** FoxO1/FKHR Antibody (83N7F8) - Azide and BSA Free [NBP2-80741] - FOXO1A antibody was tested in Ntera2 cells with DyLight 488 (green). Nuclei and alpha-tubulin were counterstained with DAPI (blue) and DyLight 550 (red). An antibody concentration of 0.1 ug/ml was used. Image objective 40x. Image from the standard format of this antibody.



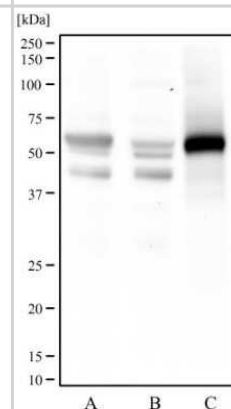
**Immunohistochemistry:** FoxO1/FKHR Antibody (83N7F8) - Azide and BSA Free [NBP2-80741] - Analysis of FOXO1A protein in a section of normal human uterus by using FOXO1A antibody at a concentration of 5 ug/ml. The columnar cells of straight non-convoluted glands in uterous showed specific staining for FOXO1A in the cellular cytoplasm as well as



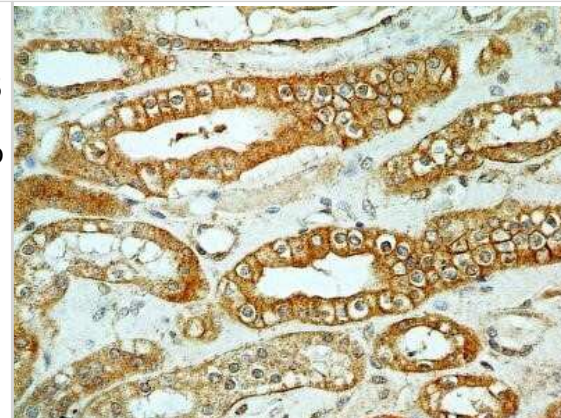
**Flow Cytometry:** FoxO1/FKHR Antibody (83N7F8) - Azide and BSA Free [NBP2-80741] - Using the Alexa Fluor 488 direct conjugate An intracellular stain was performed on Daudi cells with FoxO1/FKHR (83N7F8) antibody NBP2-31376AF488 (blue) and a matched isotype control NBP2-27231AF488 (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 5 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to Alexa Fluor 488.



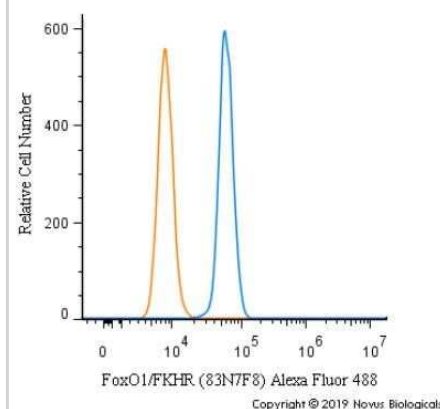
**Western Blot:** FoxO1/FKHR Antibody (83N7F8) - Azide and BSA Free [NBP2-80741] - Analysis of (A) Ntera2 cell lysate, (B) HEK293 cell lysate, and (C) human placenta tissue using FOXO1A antibody at a concentration of 2 ug/ml. Image from the standard format of this antibody.



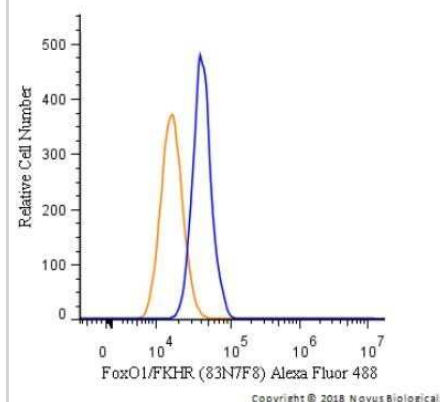
**Immunohistochemistry: FoxO1/FKHR Antibody (83N7F8) - Azide and BSA Free [NBP2-80741]** - Analysis of FOXO1A protein in a section of normal human kidney by using FOXO1A antibody at a concentration of 5 ug/ml. Cytoplasmic and nuclear positivity was observed in the cells of various tubules/ducts of renal medulla. Image from the standard format o



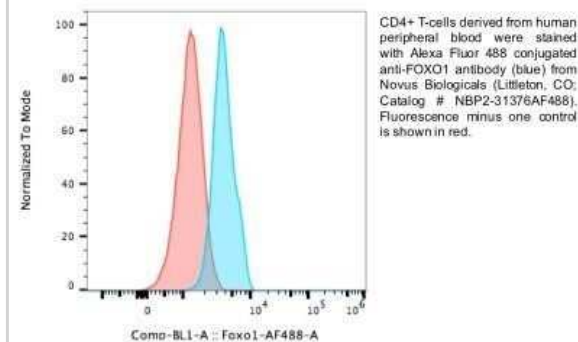
**Flow Cytometry: FoxO1/FKHR Antibody (83N7F8) - Azide and BSA Free [NBP2-80741]** - An intracellular stain was performed on RH-30 cells with FoxO1/FKHR Antibody [83N7F8] NBP2-31376AF488 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 5 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to Alexa Fluor 488.



**Flow Cytometry: FoxO1/FKHR Antibody (83N7F8) - Azide and BSA Free [NBP2-80741]** - An intracellular stain was performed on U2-OS cells with FoxO1/FKHR [83N7F8] Antibody NBP2-31376AF488 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 10 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to Alexa Fluor 488.



**Flow Cytometry: FoxO1/FKHR Antibody (83N7F8) - Azide and BSA Free [NBP2-80741]** - Analysis using the Alexa Fluor 488 conjugated FoxO1 antibody, NBP2-31376AF488 (blue) and fluorescence minus one control (red). Staining of FoxO1 in primary CD4+ T-cells isolated from human peripheral blood using 1uL of antibody per 1X10e5 cells. Image from verified customer review.



Simple Western: FoxO1/FKHR Antibody (83N7F8) - Azide and BSA Free [NBP2-80741] - Lane view shows a specific band for FoxO1/FKHR in 0.5 mg/ml of Hek293 lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system. Image from the standard format of this antibody.





### **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  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-80741**

---

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP1-84674PEP	FoxO1/FKHR Recombinant Protein Antigen

---

### **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/NBP2-80741](http://www.novusbio.com/reviews/submit/NBP2-80741)

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

