

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



technical@novusbio.com

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

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-80741



NBP2-80741

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

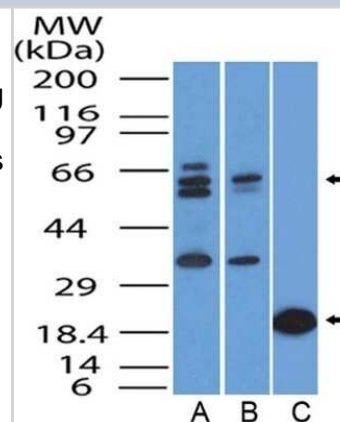
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	83N7F8
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	Protein G purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Mouse FoxO1/FKHR Antibody (83N7F8) - Azide and BSA Free (NBP2-31376) is a monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and Simple Western. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	2308
Gene Symbol	FOXO1
Species	Human, Mouse, Rat
Immunogen	FOXO1A

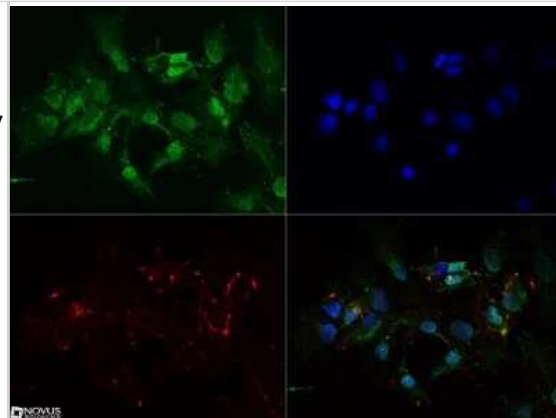
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 0.5-2 ug/ml, Simple Western 1:50, Flow Cytometry, Immunohistochemistry 5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

Images

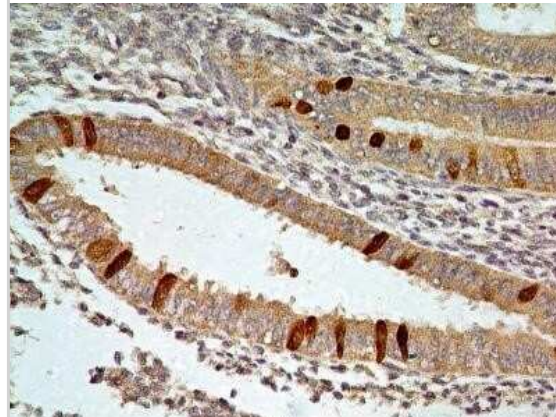
Western Blot: FoxO1/FKHR Antibody (83N7F8) - Azide and BSA Free [NBP2-80741] - Detection of FOXO1A / FOXO1 protein in (A) HeLa cells lysate, (B) Jurkat cell lysate, and (C) partial recombinant protein by using FOXO1A antibody at a concentration of 0.5 ug/ml for lysate and 0.05 ug/ml for the recombinant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



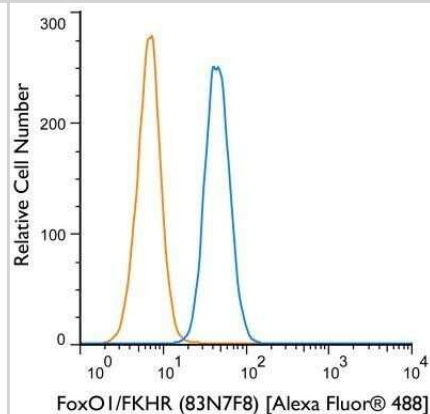
Immunocytochemistry/Immunofluorescence: FoxO1/FKHR Antibody (83N7F8) - Azide and BSA Free [NBP2-80741] - FOXO1A antibody was tested in Ntera2 cells with DyLight 488 (green). Nuclei and alpha-tubulin were counterstained with DAPI (blue) and DyLight 550 (red). An antibody concentration of 0.1 ug/ml was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



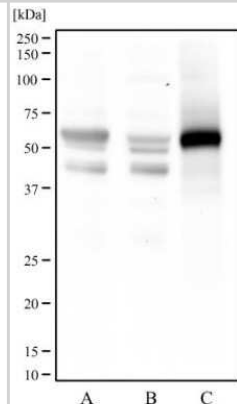
Immunohistochemistry: FoxO1/FKHR Antibody (83N7F8) - Azide and BSA Free [NBP2-80741] - Analysis of FOXO1A protein in a section of normal human uterus by using FOXO1A antibody at a concentration of 5 ug/ml. The columnar cells of straight non-convoluted glands in uterous showed specific staining for FOXO1A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



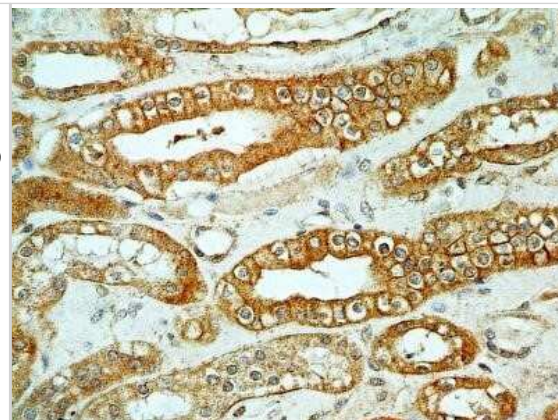
Flow Cytometry: FoxO1/FKHR Antibody (83N7F8) - Azide and BSA Free [NBP2-80741] - Using the Alexa Fluor 488 direct conjugate An intracellular stain was performed on Daudi cells with FoxO1/FKHR (83N7F8) antibody NBP2-31376AF488 (blue) and a matched isotype control NBP2-27231AF488 (orange). Cells were fixed 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.



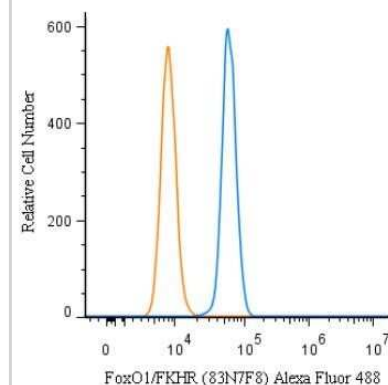
Western Blot: FoxO1/FKHR Antibody (83N7F8) - Azide and BSA Free [NBP2-80741] - Analysis of (A) Ntera2 cell lysate, (B) HEK293 cell lysate, and (C) human placenta tissue using FOXO1A antibody at a concentration of 2 ug/ml. Image from the standard format of this antibody.



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

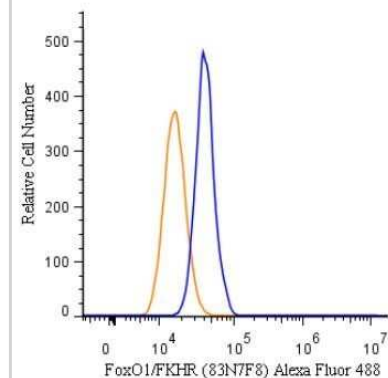


Flow Cytometry: FoxO1/FKHR Antibody (83N7F8) - Azide and BSA Free [NBP2-80741] - An intracellular stain was performed on RH-30 cells with FoxO1/FKHR Antibody [83N7F8] NBP2-31376AF488 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. 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.



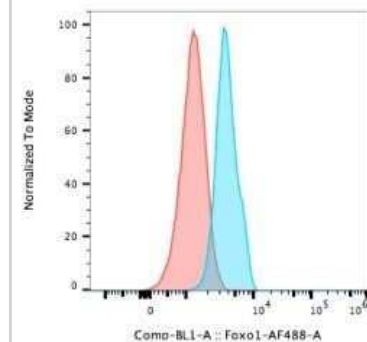
Copyright © 2019 Novus Biologicals

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.



Copyright © 2018 Novus Biologicals

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.



CD4+ T-cells derived from human peripheral blood were stained with Alexa Fluor 488 conjugated anti-FOXO1 antibody (blue) from Novus Biologicals (Littleton, CO; Catalog # NBP2-31376AF488). Fluorescence minus one control is shown in red.

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
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-80741

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)

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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-80741

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

