

Product Datasheet

FoxO1/FKHR Antibody (83N7F8) [Alexa Fluor® 488] NBP2-31376AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 10/23/2024 v.20.1

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NBP2-31376AF488

FoxO1/FKHR Antibody (83N7F8) [Alexa Fluor® 488]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	83N7F8
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Conjugate	Alexa Fluor 488
Purity	Protein G purified
Buffer	50mM Sodium Borate

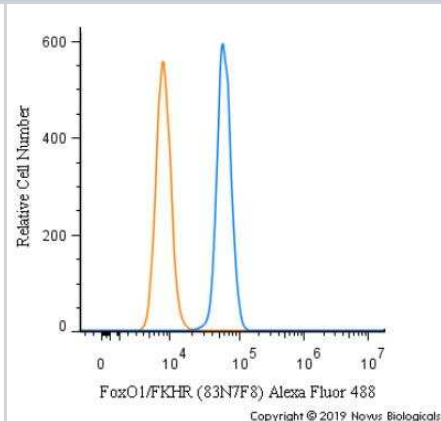
Product Description	
Host	Mouse
Gene ID	2308
Gene Symbol	FOXO1
Species	Human, Mouse, Rat
Reactivity Notes	Use in Mouse reported in scientific literature (PMID:33662610). Rat reactivity reported in scientific literature (PMID: 31553623).
Immunogen	FOXO1A
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details	
Applications	Western Blot, Simple Western, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Simple Western, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.

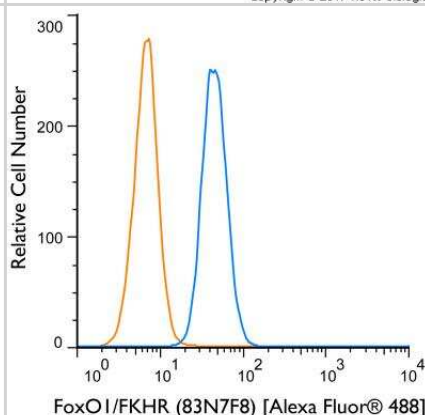


Images

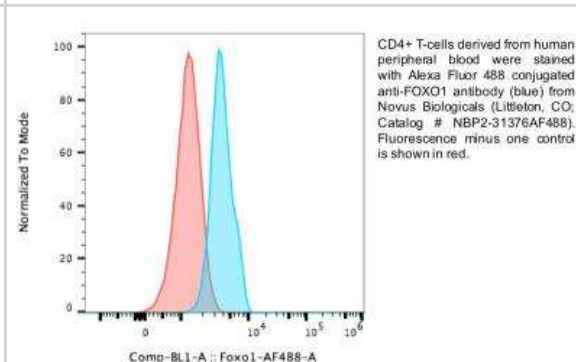
Flow Cytometry: FoxO1/FKHR Antibody (83N7F8) [Alexa Fluor® 488] [NBP2-31376AF488] - An intracellular stain was performed on RH-30 cells with FoxO1/FKHR Antibody [83N7F8] NBP2-31376AF488 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin.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



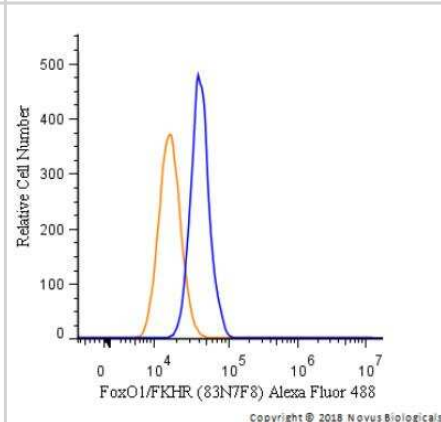
Flow Cytometry: FoxO1/FKHR Antibody (83N7F8) [Alexa Fluor 488] [NBP2-31376AF488] - An intracellular stain was performed on Daudi cells with FoxO1/FKHR (83N7F8) antibody NBP2-31376AF488 (blue) and a matched isotype control NBP2-27231AF488 (orange). Cells were fixed with 4% PFA and then permeabilized with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



Flow Cytometry: FoxO1/FKHR Antibody (83N7F8) [Alexa Fluor 488] [NBP2-31376AF488] - 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.



Flow Cytometry: FoxO1/FKHR Antibody (83N7F8) [Alexa Fluor® 488] [NBP2-31376AF488] - 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 conjugated to Alexa Fluor 488.



Publications

Tan L, Shi G, Zhao J et al. MDSCs participate in the pathogenesis of diffuse pulmonary hemorrhage in murine lupus through mTOR-FoxO1 signaling Biochemistry and Biophysics Reports 2022-12-01 [PMID: 36164563]



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Products Related to NBP2-31376AF488

NBP1-43317AF488	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [Alexa Fluor® 488]
NBP1-84674PEP	FoxO1/FKHR Recombinant Protein Antigen
291-G1-200	IGF-I/IGF-1 [Unconjugated]
NBL1-10813	FoxO1/FKHR Overexpression Lysate

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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