

Product Datasheet

OBFC1 Antibody (OTI2E4) NBP2-01006

Unit Size: 0.1 ml

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

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NBP2-01006

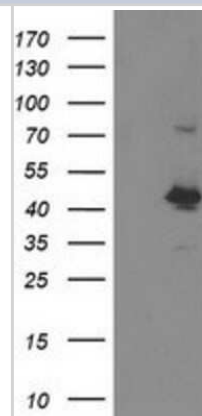
OBFC1 Antibody (OTI2E4)

Product Information	
Unit Size	0.1 ml
Concentration	0.4 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI2E4
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	41.9 kDa
Product Description	
Host	Mouse
Gene ID	79991
Gene Symbol	STN1
Species	Human
Immunogen	Full length human recombinant protein of human OBFC1 (NP_079204) produced in HEK293T cell.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Proximity Ligation Assay
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunocytochemistry/ Immunofluorescence 1:100, Proximity Ligation Assay Reported in scientific literature (PMID:34339741)

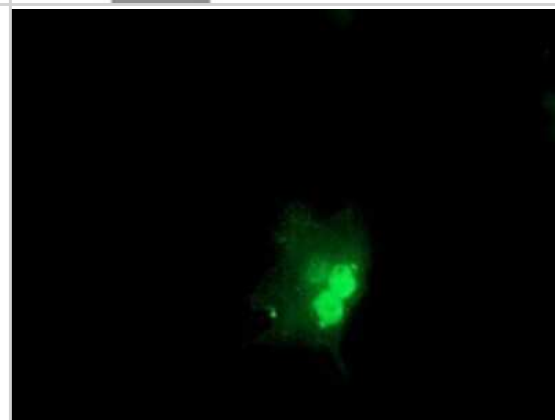


Images

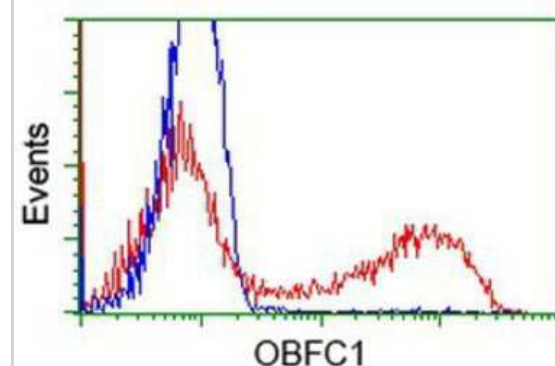
Western Blot: OBFC1 Antibody (2E4) [NBP2-01006] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY OBFC1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-OBFC1.



Immunocytochemistry/Immunofluorescence: OBFC1 Antibody (2E4) [NBP2-01006] Staining of COS7 cells transiently transfected by pCMV6-ENTRY OBFC1.



Flow Cytometry: OBFC1 Antibody (2E4) [NBP2-01006] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-OBFC1 antibody, and then analyzed by flow cytometry.



Publications

Zaug AJ, Lim CJ, Olson CL et al. CST does not evict elongating telomerase but prevents initiation by ssDNA binding Nucleic Acids Research 2021-11-18 [PMID: 34718732] (Western Blot)

Zaug AJ, Goodrich KJ, Song JJ et al. Reconstitution of a telomeric replicon organized by CST Nature 2022-07-13 [PMID: 35831508] (WB, Human)

Schuck PL, Ball LE, Stewart JA The DNA-binding protein CST associates with the cohesin complex and promotes chromosome cohesion The Journal of biological chemistry 2021-07-30 [PMID: 34339741] (PLA)



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 NBP2-01006

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-23308	Recombinant Human OBFC1 His Protein

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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