Product Datasheet

HID1 Antibody (OTI2F4)
NBP2-02667

Unit Size: 0.1 ml

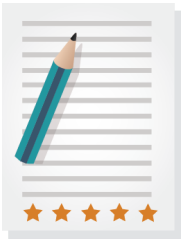
Store at -20C. Avoid freeze-thaw cycles.

www.novusbio.com technical@novusbio.com

Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-02667

Updated 9/9/2025 v.20.1



NBP2-02667

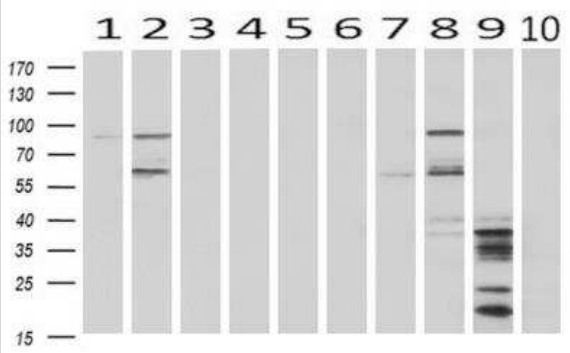
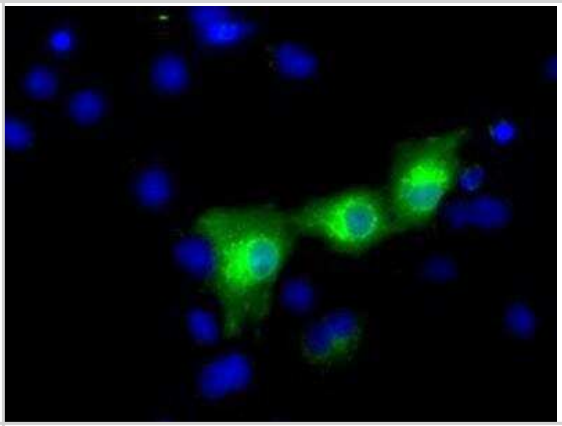
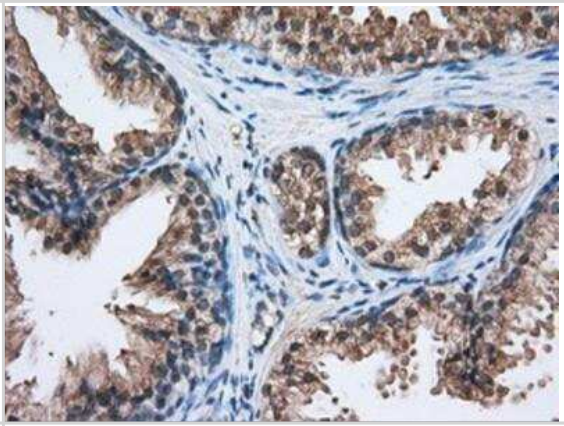
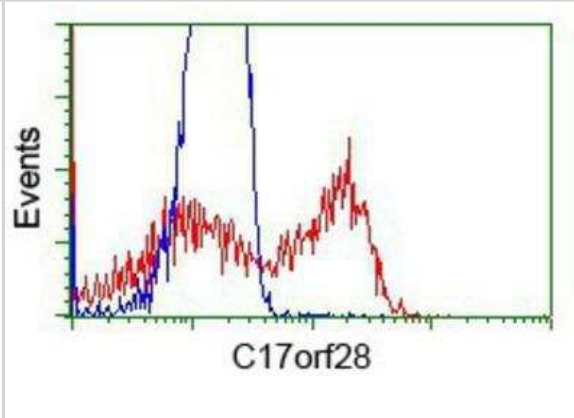
HID1 Antibody (OTI2F4)

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI2F4
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	88.6 kDa

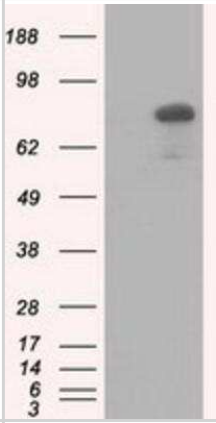
Product Description	
Description	Novus Biologicals Mouse HID1 Antibody (OTI2F4) (NBP2-02667) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-HID1 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	283987
Gene Symbol	HID1
Species	Human, Mouse, Rat, Canine, Monkey
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full length human recombinant protein of human C17orf28 (NP_085133) produced in HEK293T cell.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000-2000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:50

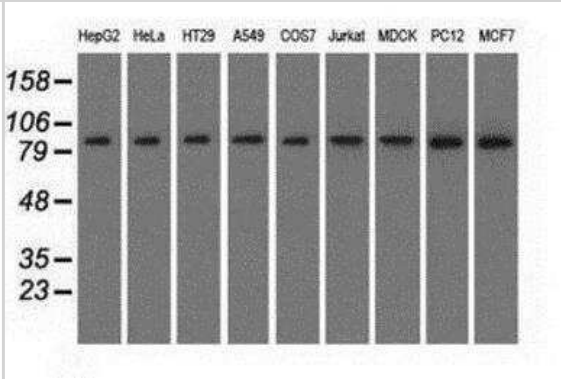
Images

Western Blot: HID1 Antibody (OTI2F4) [NBP2-02667] - Analysis of extracts (10ug) from 10 Human tissue by using anti-C17orf28 monoclonal antibody at 1:500 (1: Testis; 2: Omentum; 3: Uterus; 4: Breast; 5: Brain; 6: Liver; 7: Ovary; 8: Thyroid gland; 9: colon;10: spleen).	
Immunocytochemistry/Immunofluorescence: HID1 Antibody (2F4) [NBP2-02667] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY C17orf28.	
Immunohistochemistry-Paraffin: HID1 Antibody (2F4) [NBP2-02667] - Staining of paraffin-embedded Human prostate tissue using anti-C17orf28 mouse monoclonal antibody.	
Flow Cytometry: HID1 Antibody (2F4) [NBP2-02667] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-C17orf28 antibody, and then analyzed by flow cytometry.	

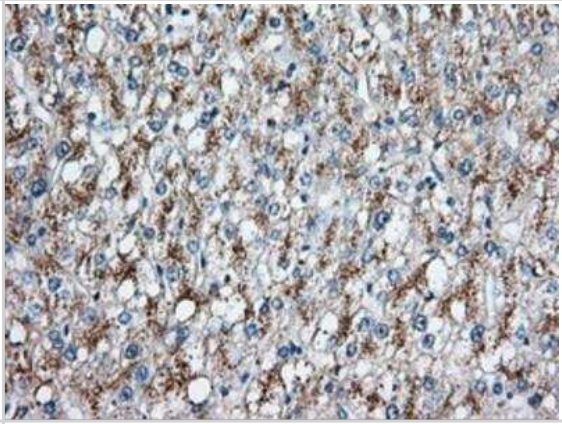
Western Blot: HID1 Antibody (2F4) [NBP2-02667] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY C17orf28 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-C17orf28.



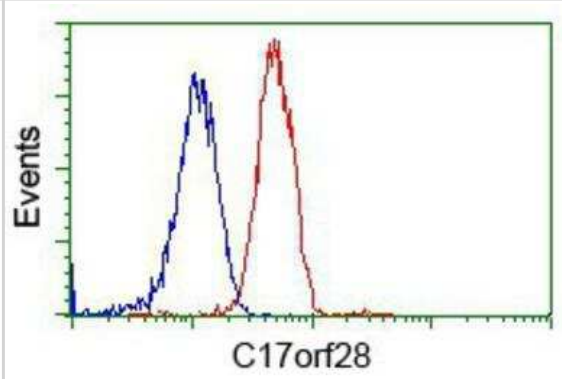
Western Blot: HID1 Antibody (2F4) [NBP2-02667] - Analysis of extracts (35ug) from 9 different cell lines by using anti-C17orf28 monoclonal antibody.



Immunohistochemistry-Paraffin: HID1 Antibody (2F4) [NBP2-02667] - Staining of paraffin-embedded Human liver tissue using anti-C17orf28 mouse monoclonal antibody.



Flow Cytometry: HID1 Antibody (2F4) [NBP2-02667] - Analysis of Jurkat cells, using anti-C17orf28 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Publications

van Bommel DM, Toonen RF, Verhage M. Mapping localization of 21 endogenous proteins in the Golgi apparatus of rodent neurons Scientific Reports 2023-02-18 [PMID: 36806293] (Rat)

van Bommel DM, Toonen RF, Verhage M Vti1a/b support distinct aspects of TGN and cis-/medial Golgi organization Scientific reports 2022-12-02 [PMID: 36460703] (Immunocytochemistry/ Immunofluorescence, Mouse)

Hummer BH, de Leeuw NF, Burns C et al. HID-1 controls large dense core vesicle formation by influencing cargo sorting and TGN acidification. Mol. Biol. Cell. 2017-10-26 [PMID: 29074564] (Rat)

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 NBP2-02667

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]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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/NBP2-02667

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