

Product Datasheet

Hip Antibody (5D11) - Azide and BSA Free H00064399-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 4

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/H00064399-M01

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/H00064399-M01



H00064399-M01

Hip Antibody (5D11) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5D11
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

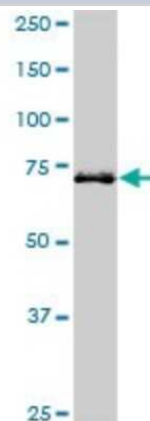
Product Description	
Description	Novus Biologicals Mouse Hip Antibody (5D11) - Azide and BSA Free (H00064399-M01) is a monoclonal antibody validated for use in IHC, WB, ELISA and IP. Anti-Hip Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	64399
Gene Symbol	HHIP
Species	Human
Reactivity Notes	Other species not tested.
Specificity/Sensitivity	HHIP - hedgehog interacting protein
Immunogen	HHIP (NP_071920, 21 a.a. ~ 120 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. GDAKFGERNEGSGARRRRCLNGNPPKRLKRRDRRMMSQLELLSGGEMLCGG FYPRLSCCLRS DSPGLGRLENKIFSVTNNTECGKLLLEEIKCALCSPHSQ
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunohistochemistry (paraffin) and ELISA.

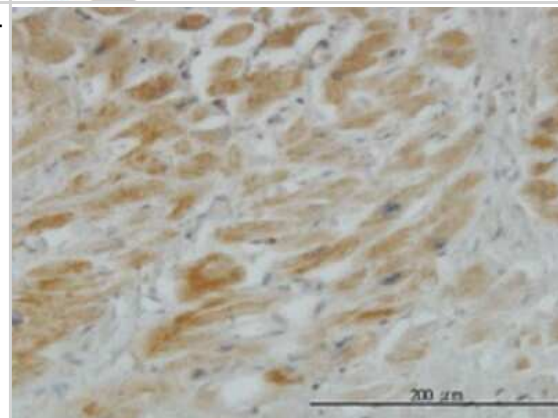


Images

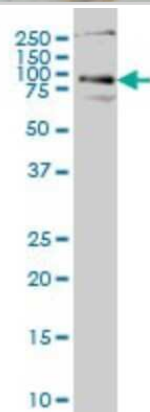
Western Blot: Hip Antibody (5D11) [H00064399-M01] - HHIP monoclonal antibody (M01), clone 5D11. Analysis of HHIP expression in MCF-7.



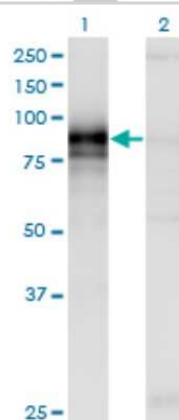
Immunohistochemistry-Paraffin: Hip Antibody (5D11) [H00064399-M01] - Analysis of monoclonal antibody to HHIP on formalin-fixed paraffin-embedded human heart. Antibody concentration 3 ug/ml.



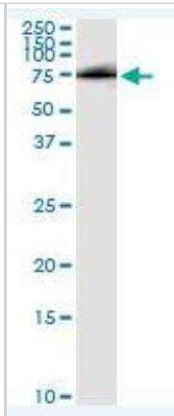
Western Blot: Hip Antibody (5D11) [H00064399-M01] - HHIP monoclonal antibody (M01), clone 5D11 Analysis of HHIP expression in Hela S3 NE.



Western Blot: Hip Antibody (5D11) [H00064399-M01] - Analysis of HHIP expression in transfected 293T cell line by HHIP monoclonal antibody (M01), clone 5D11. Lane 1: HHIP transfected lysate(78.9 KDa). Lane 2: Non-transfected lysate.



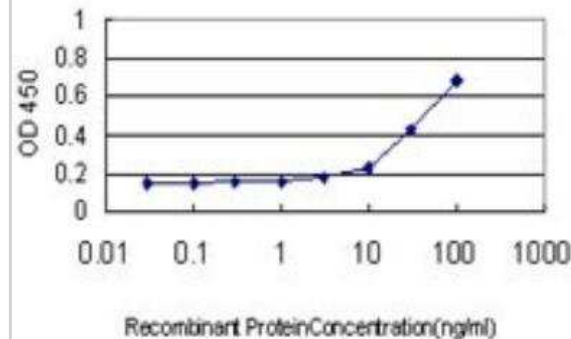
Immunoprecipitation: Hip Antibody (5D11) [H00064399-M01] - HHIP transfected lysate using anti-HHIP monoclonal antibody and Protein A Magnetic Bead (U0007), and immunoblotted with HHIP MaxPab rabbit polyclonal antibody.



Immunoprecipitation: Hip Antibody (5D11) [H00064399-M01] - Analysis of HHIP transfected lysate using anti-HHIP monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with HHIP MaxPab rabbit polyclonal antibody.



ELISA: Hip Antibody (5D11) [H00064399-M01] - Detection limit for recombinant GST tagged HHIP is approximately 1ng/ml as a capture antibody.



Publications

Liu J, Huang J, Lu J, Ouyang R et al. Ogb-like ATPase 1 exacerbated gemcitabine drug resistance of pancreatic cancer *iScience* 2024-06-17 [PMID: 38883822]

Miller S, Melen E, Merid SK et al. Genes associated with polymorphic variants predicting lung function are differentially expressed during human lung development. *Respir. Res.* 2016-07-30 [PMID: 27473260] (IF/IHC, Human)

Shi Y, Moura U, Opitz I et al. Role of hedgehog signaling in malignant pleural mesothelioma. *Clin Cancer Res.* 2012-07-11 [PMID: 22733539]

Yang Q, Shen SS, Zhou S, Ni J, Chen D, Wang G, Li Y. STAT3 activation and aberrant ligand-dependent sonic hedgehog signaling in human pulmonary adenocarcinoma. *Exp Mol Pathol.* 2012-04-25 [PMID: 22554932] (IF/IHC, Human)



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 H00064399-M01

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/H00064399-M01

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

