

Product Datasheet

Prohibitin Antibody (II-14-10) - IHC-Prediluted NB110-59934

Unit Size: 6 ml

Store at 4C.

www.novusbio.com



technical@novusbio.com

Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB110-59934

Updated 12/21/2020 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/NB110-59934



NB110-59934

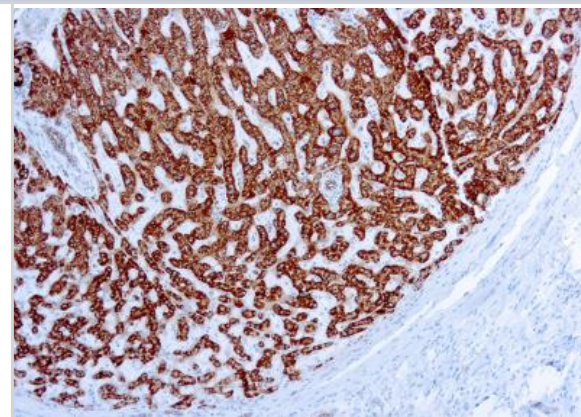
Prohibitin Antibody (II-14-10) - IHC-Prediluted

Product Information	
Unit Size	6 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C.
Clonality	Monoclonal
Clone	II-14-10
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein A or G purified
Buffer	1.0% BSA
Product Description	
Host	Mouse
Gene ID	5245
Gene Symbol	PHB
Species	Human, Mouse, Rat
Reactivity Notes	This antibody is reactive against pig. Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Marker	Mitochondria Marker
Specificity/Sensitivity	This is specific to 30kD protein known as Prohibitin. Prohibitin is an evolutionarily conserved protein located in the innermembrane of mitochondria. Prohibitin shows antiproliferative activity and has been proposed to play a role in normal cell cycle regulation, replicative senescence, cellular immortalization, and tumor suppression. This antibody cross reacts with mouse, rat, and pig.
Immunogen	BALB/C mice were injected with purified recombinant rat prohibitin protein.
Notes	This product has a prediluted size available. If a 6mL or 7mL pre-diluted size is purchased this product can be used Neat (without further dilution). Use recommended dilution for the concentrated vials only.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin Neat, Immunohistochemistry-Frozen Neat
Application Notes	This antibody works in , Western Blot, Immunohistochemistry-Paraffin and Immunohistochemistry-Frozen. Although not tested this antibody may be useful in Immunofluorescence/Immunocytochemistry. Use in Western Blot reported in scientific literature (PMID:22904309).



Images

Immunohistochemistry-Paraffin: Prohibitin Antibody (II-14-10) - IHC-Prediluted [NB110-59934] - Formalin fixed paraffin embedded liver hepato cellular carcinoma stained with Prohibitin antibody (NB110-59934).



Publications

Lugini L, Cecchetti S, Huber V et al. Immune surveillance properties of human NK cell-derived exosomes J Immunol 2012 Sep 15 [PMID: 22904309] (WB, Human)

Xu Z, Wu J, Zha X. Up-regulation of prohibitin 1 is involved in the proliferation and migration of liver cancer cells Sci China Life Sci 2011 Feb [PMID: 21318481] (WB, Human)

Pellegrini L, Pucci B, Villanova L, Marino ML, Marfe G, Sansone L, Vernucci E, Bellizzi D, Reali V, Fini M, Russo MA, Tafani M. SIRT3 protects from hypoxia and staurosporine-mediated cell death by maintaining mitochondrial membrane potential and intracellular pH. Cell Death Differ. 2012 May 18. [PMID: 22595756] (WB, 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
novus@novusbio.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: technical@novusbio.com
Orders: orders@novusbio.com
General: novus@novusbio.com

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/NB110-59934

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

