

Product Datasheet

Prohibitin Antibody (3F4-2B2) - Azide and BSA Free H00005245-M01

Unit Size: 0.1 mg

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

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H00005245-M01

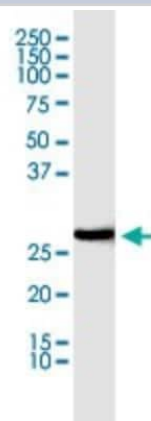
Prohibitin Antibody (3F4-2B2) - Azide and BSA Free

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	3F4-2B2
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	5245
Gene Symbol	PHB1
Species	Human, Mouse, Rat
Reactivity Notes	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	PHB - prohibitin
Immunogen	PHB (AAH13401, 1 a.a. ~ 272 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MAAKVFESIGKFGALAVAGGVNSALYNVDAGHRAVVFDRFRGVQDIVVGEGETHFLIPWVQKPIIFDCRSRPRNVPVITGSKDLQNVNITLRLFRPVASQLPRIFTSIGEDYDERVLPSITTEILKSVMARFDAGELITQRELVSRQVSDDLTERAATFGLILDVSLTHLTFGKEFTEAVEAKQVAQQEAERARFVVEKAEQQKKAIIISAEGDSKA AELIANSLATAGDGLIELRKLEAAGDIAYQLSRSRNITYLPAGQSVLLQLPQ
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Sandwich ELISA
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF, IHC-P and ELISA.

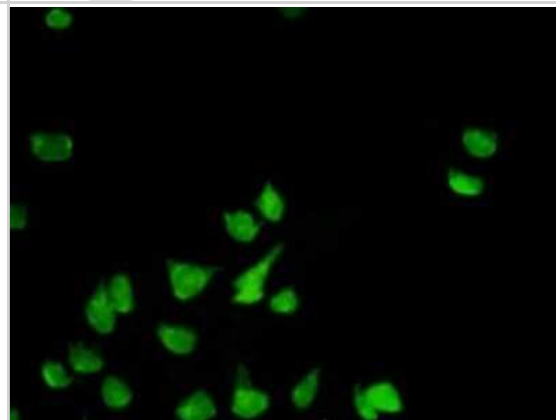


Images

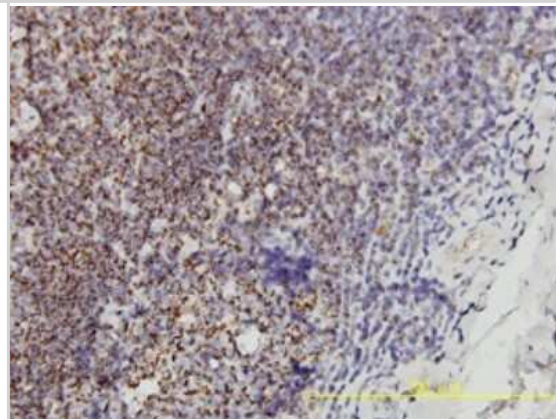
Western Blot: Prohibitin Antibody (3F4-2B2) [H00005245-M01] - PHB monoclonal antibody (M01), clone 3F4-2B2. Analysis of PHB expression in NIH/3T3.



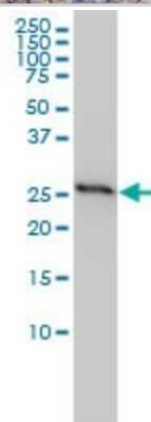
Immunocytochemistry/Immunofluorescence: Prohibitin Antibody (3F4-2B2) [H00005245-M01] - Analysis of monoclonal antibody to PHB on HeLa cell. Antibody concentration 1 ~ 10 ug/ml.



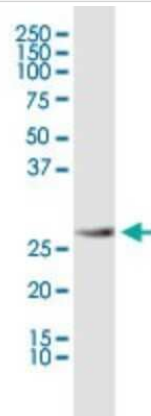
Immunohistochemistry-Paraffin: Prohibitin Antibody (3F4-2B2) [H00005245-M01] - Analysis of monoclonal antibody to PHB on formalin-fixed paraffin-embedded human tonsil tissue. Antibody concentration 5 ug/ml.



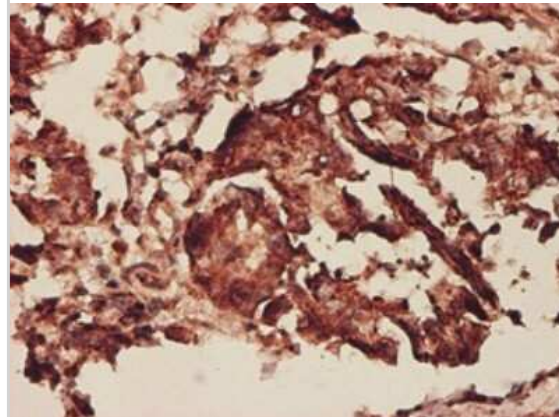
Western Blot: Prohibitin Antibody (3F4-2B2) [H00005245-M01] - PHB monoclonal antibody (M01), clone 3F4-2B2 Analysis of PHB expression in Hela.



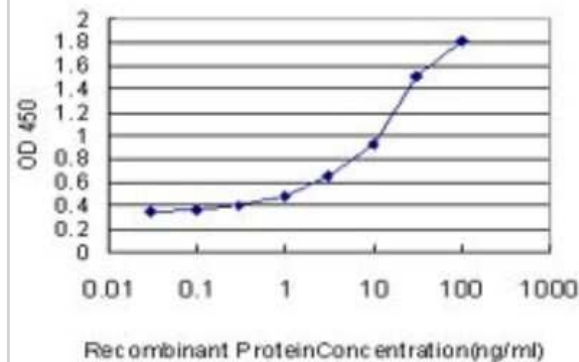
Western Blot: Prohibitin Antibody (3F4-2B2) [H00005245-M01] - PHB monoclonal antibody (M01), clone 3F4-2B2. Analysis of PHB expression in PC-12.



Immunohistochemistry-Paraffin: Prohibitin Antibody (3F4-2B2) [H00005245-M01] - Analysis of monoclonal antibody to PHB on formalin-fixed paraffin-embedded human colon adenocarcinoma. Antibody concentration 5 ug/ml.



Sandwich ELISA: Prohibitin Antibody (3F4-2B2) [H00005245-M01] - Detection limit for recombinant GST tagged PHB is approximately 0.03ng/ml as a capture antibody.



Publications

Halbert D, Domenyuk V, Spetzler D et al. Aptamers and uses thereof United States Patent Application US 9958448 B2 2018-01-01

Zhu B, Gao KS, Wang KJ et al. Gonad differential proteins revealed with proteomics in oyster (*Saccostrea cucullata*) using alga as food contaminated with cadmium. Chemosphere. 2012-01-07 [PMID: 22230729]



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Products Related to H00005245-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP2-23364	Recombinant Human Prohibitin 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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