

Product Datasheet

Prohibitin Antibody (5H7) - BSA Free NBP2-37563

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-37563

Prohibitin Antibody (5H7) - BSA Free

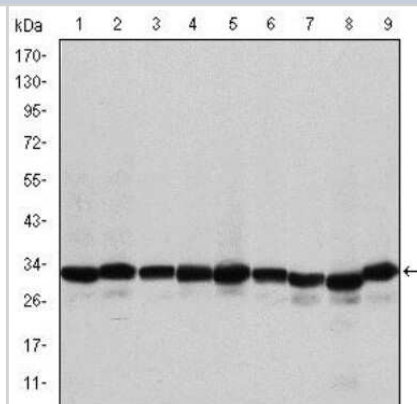
Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5H7
Preservative	0.03% Sodium Azide
Isotype	IgG1
Purity	Unpurified
Buffer	Ascites
Target Molecular Weight	30 kDa

Product Description	
Host	Mouse
Gene ID	5245
Gene Symbol	PHB1
Species	Human, Mouse, Rat, Primate, Monkey
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.
Immunogen	Purified recombinant fragment of human Prohibitin expressed in E. Coli.

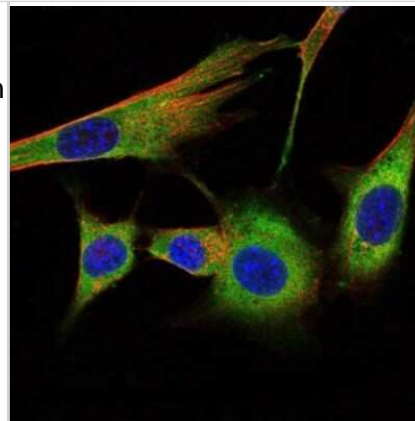
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500 - 1:2000, Flow Cytometry 1:200 - 1:400, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunocytochemistry/Immunofluorescence 1:200 - 1:1000, Immunohistochemistry-Paraffin 1:200 - 1:1000

Images

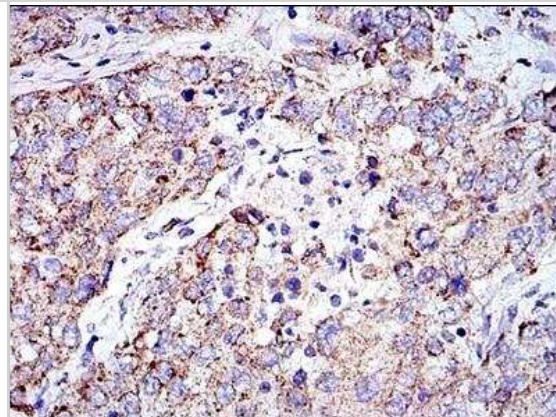
Western Blot: Prohibitin Antibody (5H7) [NBP2-37563] - Western blot analysis using PHB mouse mAb against A431 (1), MCF-7 (2), Jurkat (3), Hela (4), HepG2 (5), A549 (6), NIH/3T3 (7), Cos7 (8) and PC-12 (9) cell lysate.



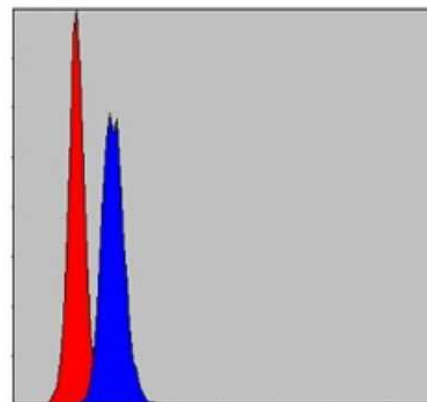
Immunocytochemistry/Immunofluorescence: Prohibitin Antibody (5H7) [NBP2-37563] - Immunofluorescence analysis of NIH/3T3 cells using PHB mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



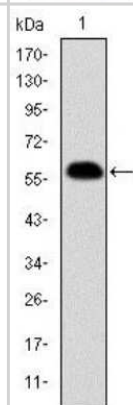
Immunohistochemistry-Paraffin: Prohibitin Antibody (5H7) [NBP2-37563] - Immunohistochemical analysis of paraffin-embedded lung cancer tissues using PHB mouse mAb with DAB staining.



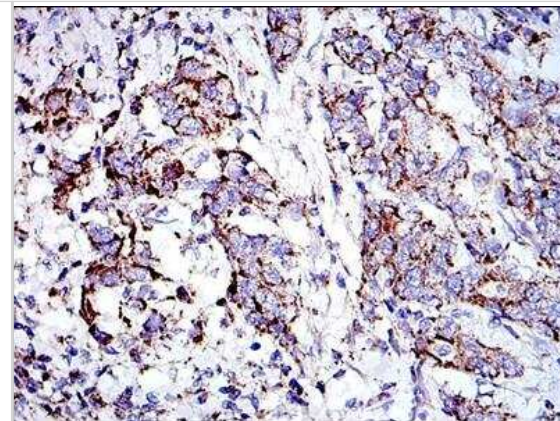
Flow Cytometry: Prohibitin Antibody (5H7) [NBP2-37563] - Flow cytometric analysis of MCF-7 cells using PHB mouse mAb (blue) and negative control (red).



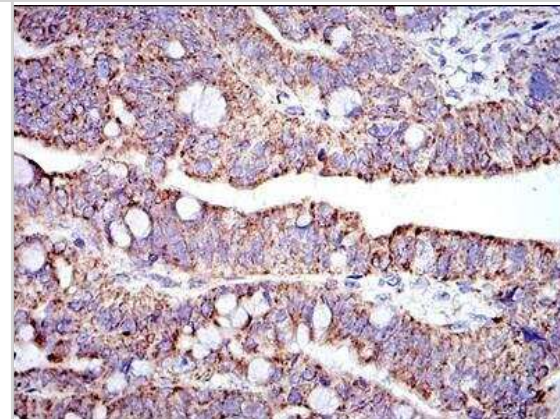
Western Blot: Prohibitin Antibody (5H7) [NBP2-37563] - Western blot analysis using PHB mAb against human PHB (AA: 68-259) recombinant protein. (Expected MW is 46.7 kDa)



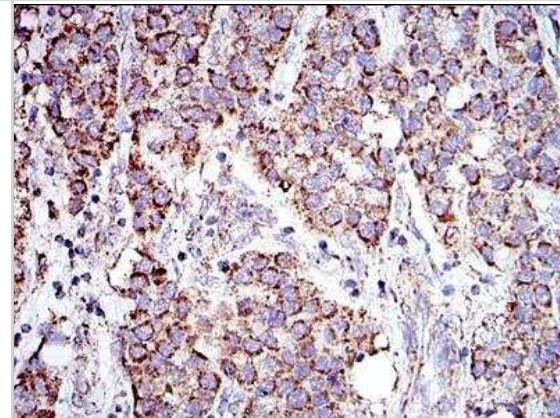
Immunohistochemistry-Paraffin: Prohibitin Antibody (5H7) [NBP2-37563]
- Immunohistochemical analysis of paraffin-embedded stomach cancer tissues using PHB mouse mAb with DAB staining.



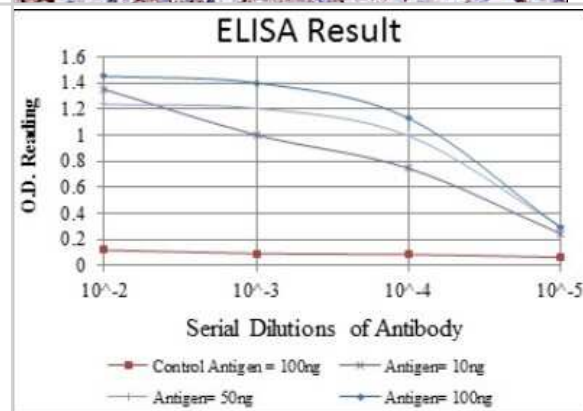
Immunohistochemistry-Paraffin: Prohibitin Antibody (5H7) [NBP2-37563]
- Immunohistochemical analysis of paraffin-embedded rectum cancer tissues using PHB mouse mAb with DAB staining.



Immunohistochemistry-Paraffin: Prohibitin Antibody (5H7) [NBP2-37563]
- Immunohistochemical analysis of paraffin-embedded liver cancer tissues using PHB mouse mAb with DAB staining.



ELISA: Prohibitin Antibody (5H7) [NBP2-37563] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



Publications

Deborah Grifagni, José Malanho Silva, Leonardo Querci, Michel Lepoivre, Cindy Vallières, Ricardo O. Louro, Lucia Banci, Mario Piccioli, Marie-Pierre Golinelli-Cohen, Francesca Cantini Biochemical and cellular characterization of the CISD3 protein: Molecular bases of cluster release and destabilizing effects of nitric oxide The Journal of Biological Chemistry 2024-02-12 [PMID: 38354784]



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Products Related to NBP2-37563

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)
NBP2-23364	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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