

# Product Datasheet

## Prohibitin 2 Antibody (8I10B1) NBP3-16766-100ul

Unit Size: 100 ul

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

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**NBP3-16766-100ul**

Prohibitin 2 Antibody (8I10B1)

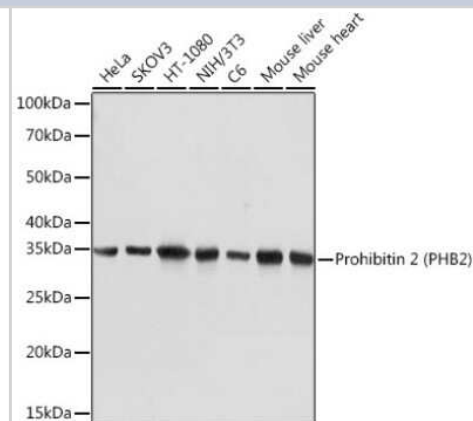
Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	8I10B1
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol, 0.05% BSA

Product Description	
<b>Description</b>	Novus Biologicals Rabbit Prohibitin 2 Antibody (8I10B1) (NBP3-16766) is a recombinant monoclonal antibody validated for use in IHC, WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	11331
<b>Gene Symbol</b>	PHB2
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human Prohibitin 2 (Prohibitin 2) (Q99623). QMVNISLRVLSRPNAQELPSMYQRLGLDYEERVLPSIVNEVLKSVVAKFNASQL ITQRAQVSLIRRELERAKDFSLILDDVAITELSF SREYTA AVEAK

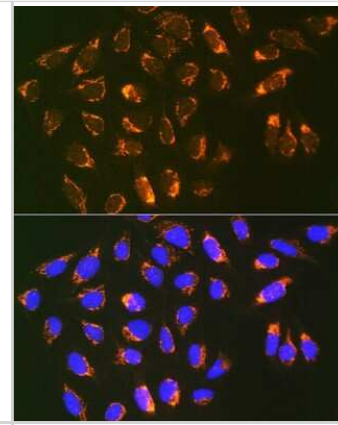
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:3000 - 1:6000, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunoprecipitation 1:500 - 1:1000, Immunohistochemistry-Paraffin

**Images**

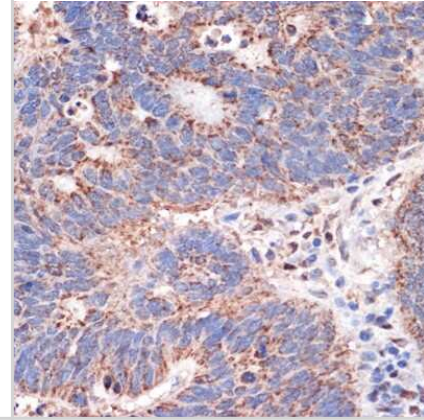
Western Blot: Prohibitin 2 Antibody (8I10B1) [NBP3-16766] - Western blot analysis of extracts of various cell lines, using Prohibitin 2 (Prohibitin 2) Rabbit mAb (NBP3-16766) at 1:5000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



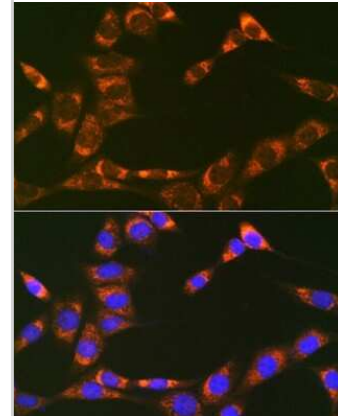
Immunocytochemistry/Immunofluorescence: Prohibitin 2 Antibody (8I10B1) [NBP3-16766] - Immunofluorescence analysis of U-2 OS cells using Prohibitin 2 (Prohibitin 2) Rabbit mAb (NBP3-16766) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



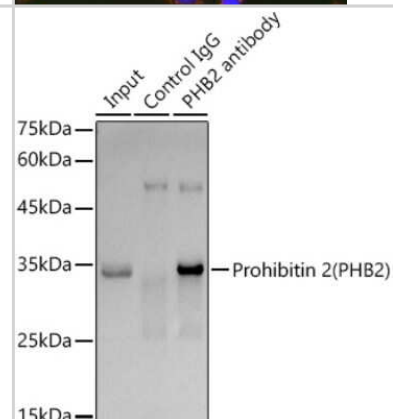
Immunohistochemistry-Paraffin: Prohibitin 2 Antibody (8I10B1) [NBP3-16766] - Immunohistochemistry of paraffin-embedded human colon carcinoma using Prohibitin 2 (Prohibitin 2) Rabbit mAb (NBP3-16766) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



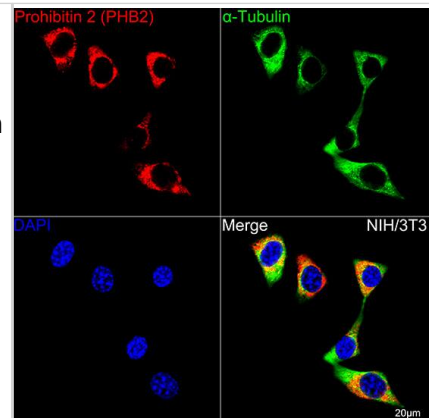
Immunocytochemistry/Immunofluorescence: Prohibitin 2 Antibody (8I10B1) [NBP3-16766] - Immunofluorescence analysis of NIH-3T3 cells using Prohibitin 2 (Prohibitin 2) Rabbit mAb (NBP3-16766) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



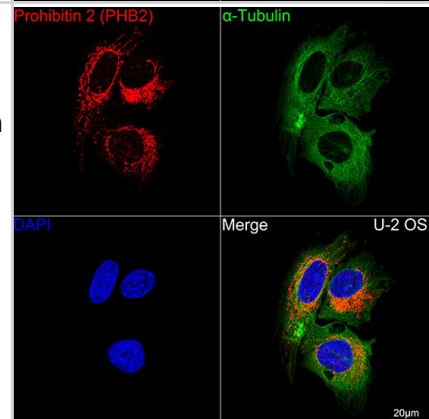
Immunoprecipitation: Prohibitin 2 Antibody (8I10B1) [NBP3-16766] - Immunoprecipitation analysis of 300ug extracts of SKOV3 cells using 3ug Prohibitin 2 antibody (NBP3-16766). Western blot was performed from the immunoprecipitate using Prohibitin 2 antibody (NBP3-16766) at a dilution of 1:1000.



Immunocytochemistry/ Immunofluorescence: Prohibitin 2 Antibody (8I10B1) [NBP3-16766] - Confocal imaging of NIH/3T3 cells using Prohibitin 2 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . The cells were counterstained with alpha-Tubulin Mouse mAb followed by incubation with ABflo(R) 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Immunocytochemistry/ Immunofluorescence: Prohibitin 2 Antibody (8I10B1) [NBP3-16766] - Confocal imaging of U-2 OS cells using Prohibitin 2 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . The cells were counterstained with alpha-Tubulin Mouse mAb followed by incubation with ABflo(R) 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.





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### **Products Related to NBP3-16766-100ul**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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