

## Anti-PHB2 antibody (100-200) [S6MR] (STJ11102436)

STJ11102436

### GENERAL INFORMATION

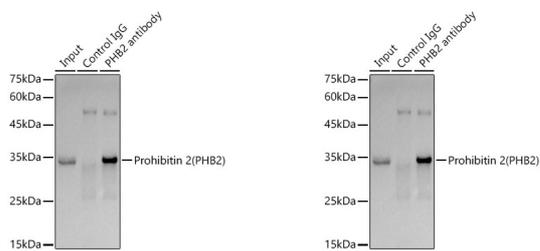
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IHC-P/IF/ICC/IP/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

### PRODUCT PROPERTIES

<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	S6MR
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:5000-1:30000 IHC-P:1:100-1:1000 IF/ICC:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your sp
<b>Formulation</b>	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

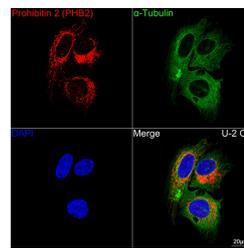
### TARGET INFORMATION

<b>Gene ID</b>	11331
<b>Gene Symbol</b>	PHB2
<b>Uniprot ID</b>	PHB2_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	100-200
<b>Specificity</b>	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human Prohibitin 2 (Prohibitin 2 (PHB2) ) (Q99623).
<b>Immunogen Sequence</b>	QMVNLSLRVLSRPNAQELPS MYQRLGLDYEEVLPISVNE VLKSVVAKFNASQLTQRAQ VSLLRRELTERAKDFSLIL DDVAITELFSFREYTAAVEA K

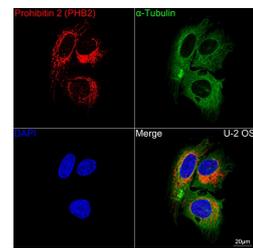


Western blot analysis of extracts of various cell lines, using Prohibitin 2 (Prohibitin 2 (PHB2) ) rabbit monoclonal antibody (STJ11102436) at 1:5000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.

Immunoprecipitation analysis of 300 Mu g extracts of SKOV3 cells using 3 Mu g Prohibitin 2 (PHB2) antibody (STJ11102436). Western blot was performed from the immunoprecipitate using Prohibitin 2 (PHB2) antibody (STJ11102436) at a dilution of 1:1000.



Immunohistochemistry of paraffin-embedded human colon carcinoma using Prohibitin 2 (Prohibitin 2 (PHB2) ) rabbit monoclonal antibody (STJ11102436) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Confocal imaging of U-2 OS cells using Prohibitin 2 (PHB2) Rabbit monoclonal antibody (STJ11102436, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) ( dilution 1:500) (Red). The cells were counterstained with Alpha-Tubulin Mouse monoclonal antibody ( dilution 1:400) followed by incubation with ABFluor 488-conjugated Goat Anti-Mouse IgG (H+L) antibody ( dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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