

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

GENERAL INFORMATION

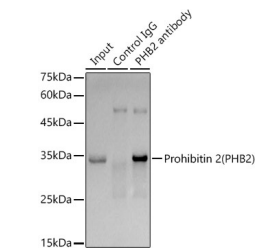
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/IP/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

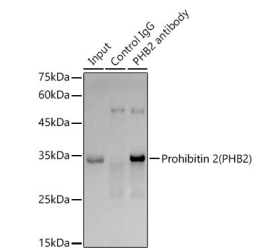
Clonality	Monoclonal
Clone ID	S6MR
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:5000-1:30000 IHC-P:1:100-1:1000 IF/ICC:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration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

TARGET INFORMATION

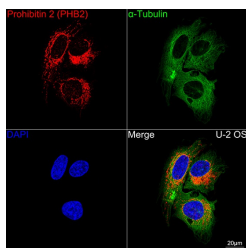
Gene ID	11331
Gene Symbol	PHB2
Uniprot ID	PHB2_HUMAN
Immunogen	
Immunogen Region	100-200
Specificity	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human Prohibitin 2 (Prohibitin 2 (PHB2)) (Q99623).
Immunogen Sequence	QMVNISLRVL SRPNAQELPS MYQLGLDYEERLPSIVNE VLKSVVAKFNASQLITQRAQ VSLIRRELTERAKDFSLIL DDVAITELSF SREYTA AVEA K



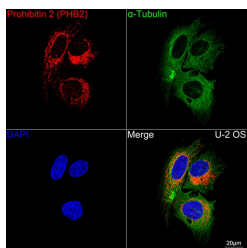
Western blot analysis of extracts of various cell lines, using Prohibitin 2 (PHB2) rabbit monoclonal antibody (STJ11102436) at 1:5000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: 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 (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 AB10A@ 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.
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081