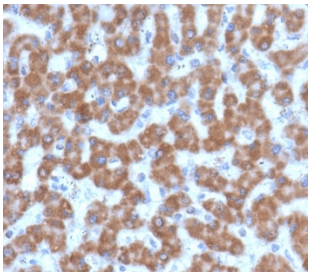
PHB Antibody / Prohibitin [clone PBTN-1] (V7598)

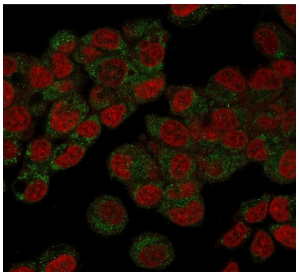
Catalog No.	Formulation	Size
V7598-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7598-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7598SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7598IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	PBTN-1
Purity	Protein G affinity chromatography
UniProt	P35232
Localization	Cytoplasmic
Applications	Immunofluorescence: 1-2ug/ml Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT Prediluted IHC only format: incubate for 30 min at RT (1)
Limitations	This PHB antibody is available for research use only.



IHC testing of FFPE human liver tissue with PHB antibody (clone PBTN-1). Required HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.



Immunofluorescence staining of human HepG2 cells with PHB antibody (green, clone PBTN-1) and Reddot nuclear stain (red).

Description

This gene is evolutionarily conserved, and its product is proposed to play a role in human cellular senescence and tumor suppression. Ant-iproliferative activity is reported to be localized to the 3' UTR, which is proposed to function as a trans-acting regulatory RNA. Several pseudogenes of this gene have been identified. [RefSeq]

Application Notes

The stated application concentrations are suggested starting points. Titration of the PHB antibody may be required due to differences in protocols and secondary/substrate sensitivity.

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

A recombinant human partial protein corresponding to amino acids 167-261 was used as the immunogen for the PHB antibody.

Storage

Store the PHB antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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