

MONOCLONAL ANTIBODY

For research use only. Not for clinical diagnosis.

Catalog No. CE-049A

Anti-Prohibitin1 (PHB1) antibody

BACKGROUND

Prohibitin1 (PHB1), which was initially described as an inhibitor of cell proliferation, is a highly conserved protein found in multiple cellular compartments. In the nucleus it interacts with the transcriptional regulators Rb and E2F1 and controls cell proliferation and apoptosis.

Product type	Primary antibodies
Host	Rat
Source	Culture supernatant
Form	Liquid
	Purified monoclonal antibody in PBS, 50% Glycerol, 0.05% NaN ₃ .
Volume	100 µl
Concentration	1 mg/ml
Specificity	Prohibitin1
Antigen	Synthetic peptide corresponding to the C-terminus region (aa 233 - 246) of human Prohibitin1, DGLIELRKLEAAED.
Clone	1G5C1
Isotype	IgG2b

Application notes WB, IHC Not tested for other applications.

Recommended dilutions

Western blotting, 1/1,000 to 1/5,000

Immunohistochemistry, 1/100 to 1/500

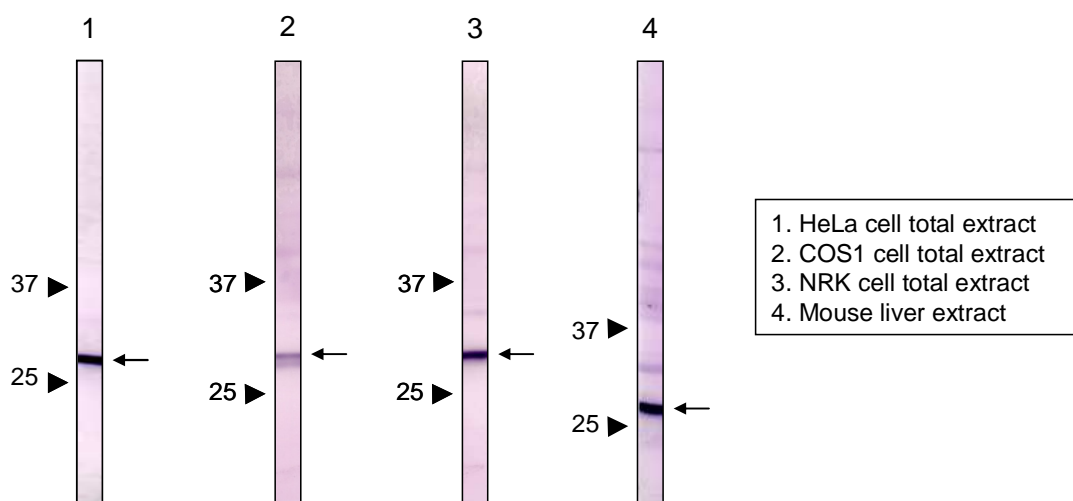


Fig.1 Western blot - Prohibitin1(PHB1) antibody (1G5C1)

Optimal dilutions/concentrations should be determined by the end user.

Anti-Prohibitin1 (PHB1) antibody

Cross reactivity	Human, Monkey, Mouse, Rat Other species have not been tested.
Storage	Store below -20℃ (below -70℃ for prolonged storage).
References	1) Schneider et al.,(2010) Prohibitin1 acts as a neural crest specifier in Xenopus development by repressing the transcription factor E2F1. Development, 137, 4073-4081.

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