

## Prohibitin Monoclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-MCA1068
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of human Prohibitin expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human,Mouse,Rat,Monkey
Clonality	Monoclonal
Recommended application	WB, IHC-p, IF, ICC, FCM, ELISA
Concentration	1 mg/ml
Full name	Prohibitin
Synonyms	PHB; Prohibitin

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

This gene is evolutionarily conserved, and its product is proposed to play a role in human cellular senescence and tumor suppression. Antiproliferative 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. Alternative splicing results in multiple transcript variants.

### Recommended Dilution

FC: 1:200 - 1:400

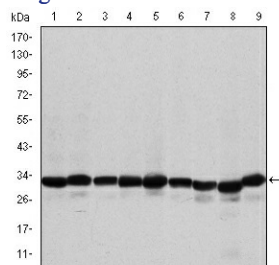
IF: 1:200 - 1:1000

IHC: 1:200 - 1:1000

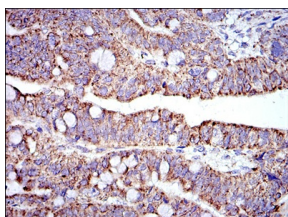
WB: 1:500 - 1:2000

Not yet tested in other applications.

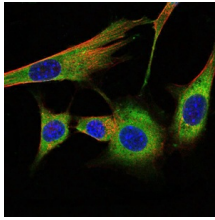
### Images



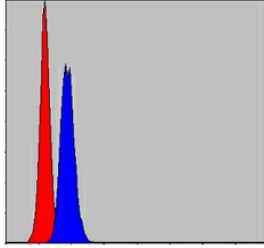
Western Blot analysis using Prohibitin Monoclonal antibody against A431 (1) MCF-7 (2) Jurkat (3) HeLa (4) HepG2 (5) A549 (6) NIH/3T3 (7) Cos7 (8) and PC-12 (9) cell lysate.



Immunohistochemistry analysis of paraffin-embedded rectum cancer tissues with DAB staining using Prohibitin Monoclonal antibody.



Immunofluorescence analysis of NIH/3T3 cells using Prohibitin Monoclonal antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of MCF-7 cells using Prohibitin Monoclonal antibody (blue) and negative control (red).

### Storage

-20°C for one year

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