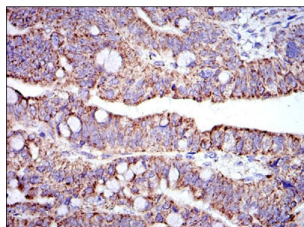
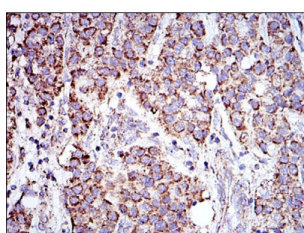


Prohibitin (PHB) Antibody

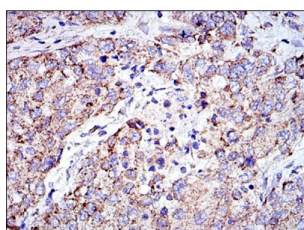
Catalogue No.: abx011383



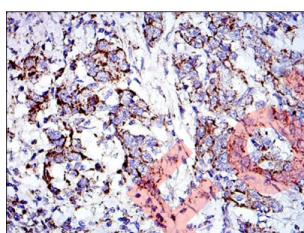
Immunohistochemical analysis of paraffin-embedded rectum cancer tissues using PHB antibody with DAB staining.



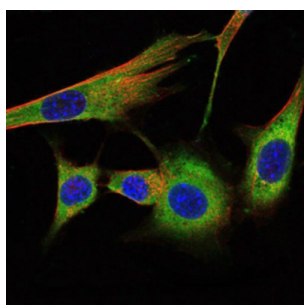
Immunohistochemical analysis of paraffin-embedded liver cancer tissues using PHB antibody with DAB staining.



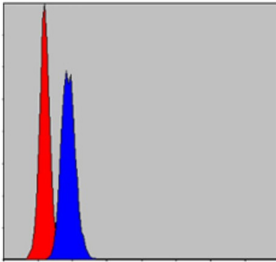
Immunohistochemical analysis of paraffin-embedded lung cancer tissues using PHB antibody with DAB staining.



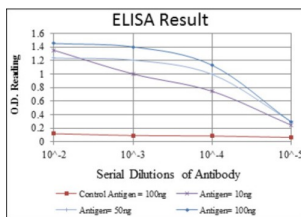
Immunohistochemical analysis of paraffin-embedded stomach cancer tissues using PHB antibody with DAB staining.



Immunofluorescence analysis of NIH/3T3 cells using PHB antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with AF555 phalloidin.



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



Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

Prohibitin is an evolutionarily conserved gene that is ubiquitously expressed. It is thought to be a negative regulator of cell proliferation and may be a tumor suppressor. Mutations in PHB have been linked to sporadic breast cancer. Prohibitin is expressed as two transcripts with varying lengths of 3' untranslated region. The longer transcript is present at higher levels in proliferating tissues and cells, suggesting that this longer 3' untranslated region may function as a trans-acting regulatory RNA.

Target:	Prohibitin (PHB)
Clonality:	Monoclonal
Reactivity:	Human, Mouse, Rat, Monkey
Tested Applications:	ELISA, WB, IHC, IF/ICC, FCM
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, IF/ICC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human PHB expressed in E. coli.
Isotype:	IgG ₁
Form:	Liquid
Purification:	Unpurified ascites.

Datasheet

Version: 3.0.0
Revision date: 20 Aug 2025



Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P35232 ([UniProt](#), [ExPASy](#))

GeneID: [5245](#)

KEGG: hsa:5245

String: [9606.ENSP00000479488](#)

Molecular Weight: 30 kDa

Buffer: Ascitic fluid containing 0.03% sodium azide.

Concentration: Not determined.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only