

Datasheet for ABIN389162

**anti-Prohibitin antibody (AA 89-117)**

5 Images

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## Overview

Quantity:	400 µL
Target:	Prohibitin (PHB)
Binding Specificity:	AA 89-117
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Prohibitin antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This PHB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 89-117 amino acids from the Central region of human PHB.
Clone:	RB17513
Isotype:	Ig Fraction
Predicted Reactivity:	B, C
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	Prohibitin (PHB)
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## Target Details

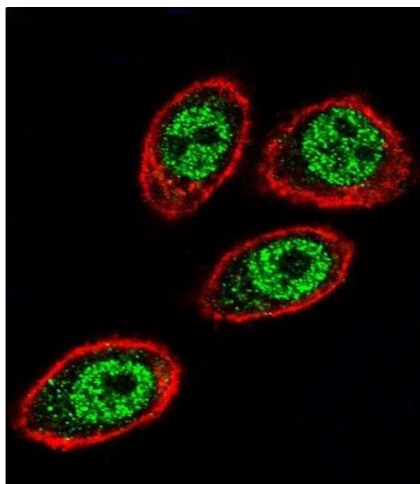
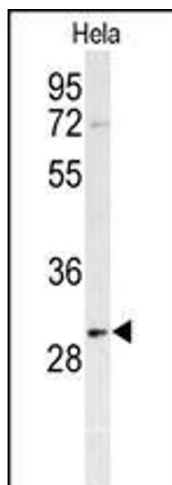
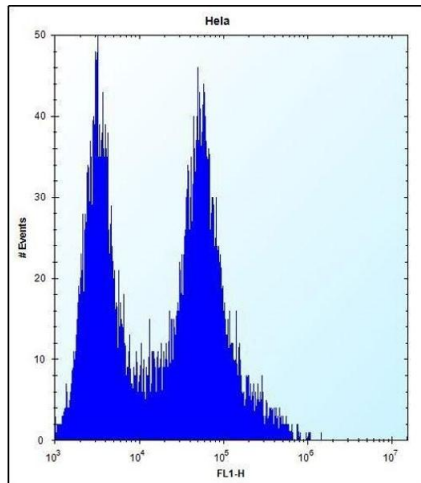
Alternative Name:	PHB ( <a href="#">PHB Products</a> )
Background:	Prohibitin is an evolutionarily conserved protein that is ubiquitously expressed. It is thought to be a negative regulator of cell proliferation and may be a tumor suppressor. Mutations have been linked to sporadic breast cancer. Prohibitin is expressed as two transcripts with varying lengths of 3' untranslated region.
Molecular Weight:	29804
Gene ID:	5245
NCBI Accession:	<a href="#">NP_001268425</a> , <a href="#">NP_001268644</a> , <a href="#">NP_002625</a>
UniProt:	<a href="#">P35232</a>
Pathways:	<a href="#">Intracellular Steroid Hormone Receptor Signaling Pathway</a> , <a href="#">Regulation of Intracellular Steroid Hormone Receptor Signaling</a>

## Application Details

Application Notes:	IF: 1:10~50. WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



### Flow Cytometry

**Image 1.** PHB Antibody (Center) (ABIN389162 and ABIN2839329) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### Western Blotting

**Image 2.** Western blot analysis of PHB Antibody (Center) (ABIN389162 and ABIN2839329) in HeLa cell line lysates (35 µg/lane). PHB (arrow) was detected using the purified Pab.

### Immunofluorescence

**Image 3.** Confocal immunofluorescent analysis of PHB Antibody (Center) (ABIN389162 and ABIN2839329) with HeLa cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red).

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN389162.