

bsm-61208R

[Primary Antibody]

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PHB1 Recombinant Rabbit mAb

DATASHEET

Host: Rabbit

Isotype: IgG

Clonality: Recombinant

CloneNo.: 9C19

GeneID: 5245

SWISS: P35232

Target: PHB1

Immunogen: A synthesized peptide derived from human PHB1: 150-200/272.

Purification: affinity purified by Protein A

Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.

Background: PHB1 is 30kDa tumor suppressor protein involved in cell cycle control. PHB1 has been found in mitochondria, the nucleus and the plasma membrane, as well as extracellularly in circulation. In mitochondria prohibitins mainly exist as membrane-bound ring complexes and function as chaperones maintaining mitochondrial protein stability during protein synthesis and transportation.

Applications: WB (1:500-2000)

IHC-P (1:100-500)

IHC-F (1:100-500)

IF (1:100-500)

Flow-Cyt (1:50-100)

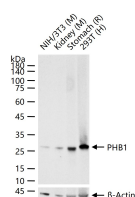
ICC/IF (1:50-200)

IP (1:20-50)

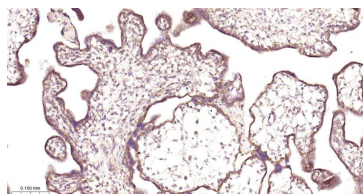
Reactivity: Human, Mouse, Rat

Predicted MW.: 30

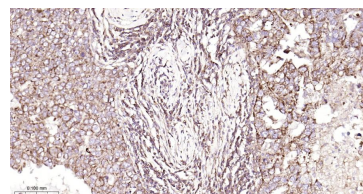
VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with PHB1 monoclonal antibody, unconjugated (bsm-61208R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Placenta; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with PHB1 Monoclonal Antibody, Unconjugated(bsm-61208R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with PHB1 Monoclonal Antibody, Unconjugated(bsm-61208R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.