

Mouse Prohibitin Monoclonal Antibody | anti-PHB antibody

Prohibitin Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320206	Mouse	Human, Mouse, Rat, Monkey	ELISA, Flow Cytometry, Functional Assay, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

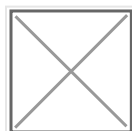
PRODUCT SYNONYMS

Prohibitin; Monoclonal Antibody; Prohibitin Monoclonal Antibody; PHB; anti-PHB antibody

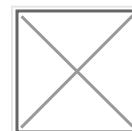
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat, Monkey
Clonality	Monoclonal
Specificity	Prohibitin Monoclonal Antibody detects endogenous levels of Prohibitin protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-PHB antibody	ELISA, FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human Prohibitin expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

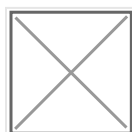
IMAGES



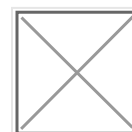
Application Data


FCM/FACS (Flow Cytometry)

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


IF (Immunofluorescence)

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.


IHC (Immunohistochemistry)

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



WB (Western Blot)

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.

ADDITIONAL INFORMATION

Related Product Information for anti-PHB antibody	prohibitin(PHB) Homo sapiens 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. [provided by RefSeq, Jul 2013]
Product Categories/Family for anti-PHB antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	246483
NCBI GeneID	5245
UniProt Accession #	P35232; Q4VBQ0
Molecular Weight	29,804 Da
NCBI Official Full Name	prohibitin
NCBI Official Synonym Full Names	prohibitin
NCBI Official Symbol	PHB
NCBI Official Synonym Symbols	PHB1
NCBI Protein Information	prohibitin
UniProt Protein Name	Prohibitin
UniProt Gene Name	PHB
UniProt Entry Name	PHB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/prohibitin-antibody-flow-cytometry-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/320206>