Mouse anti-Human PHB Monoclonal Antibody | anti-PHB antibody

PHB (Prohibitin) APC

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA24609	**Mouse**	**Human**	**ELISA, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

PHB; Monoclonal Antibody; PHB (Prohibitin) APC; anti-PHB antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	3F4-2B2
Specificity	Recognizes human PHB.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Applicable Applications for anti-PHB antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IF: 1-10ug/ml Applications are based on unconjugated antibody.
Immunogen	Full length recombinant corresponding to aa1-273 from human PHB (AAH13401) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MAAKVFESIGKFGLALAVAGGVVNSALYNVDAGHRAVVFDRFRGVQDIVVGEGTHFLIPWVQKPIIFDCRSRPRNVPVITGSKDLQNVNITLRILFRPVASQ
Conjugate	APC
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo

IMAGES

Application Data
Detection limit for recombinant GST tagged PHB is ~0.03ng/ml as a capture antibody.

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to PHB on HeLa cell. [antibody concentration 1 ~ 10ug/ml]

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to PHB on formalin-fixed paraffin-embedded human tonsil tissue.[antibody concentration 5ug/ml]

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to PHB on formalin-fixed paraffin-embedded human colon adenocarcinoma. [antibody concentration 5ug/ml]

WB (Western Blot)
PHB monoclonal antibody. Western Blot analysis of PHB expression in Hela.

WB (Western Blot)
Western Blot detection against Immunogen (55.66kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-PHB antibody	Antibodies; Membrane Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	33870109
NCBI GeneID	5245
Molecular Weight	17,018 Da
NCBI Official Full Name	Homo sapiens prohibitin, mRNA
NCBI Official Synonym Full Names	prohibitin
NCBI Official Symbol	PHB
NCBI Official Synonym Symbols	PHB1; HEL-215; HEL-S-54e
NCBI Protein Information	prohibitin

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/phb-antibody-clone-3f4-2b2-immunofluorescence-immunohistochemistry-western-blot-elisa/24609