

# Prohibitin (Mitochondrial Marker) Monoclonal Antibody

Product Details	
Size	50ul/100ul
Species Reactivity	Human, Mouse,Rat,Monkey
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	5H7
Conjugate	Unconjugated
Immunogen	Purified recombinant fragment of human PHB expressed in E. Coli.
Form	Liquid
Concentration	Conc. Not Determined
Storage buffer	ascites
Contains	0.03% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunohistochemistry (IHC)	1:200-1:1,000	-
Immunocytochemistry (ICC/IF)	1:200-1:1,000	-
Flow Cytometry (Flow)	1/200 - 1/400	-
ELISA (ELISA)	1:10,000	-

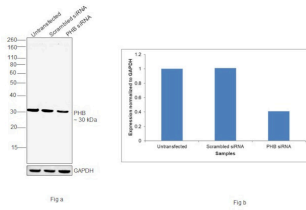
## Product Specific Information

RA1138 targets PHB in FACS, ICC, IHC, IF and WB applications and shows reactivity with Human, mouse, Non-human primate, and Rat samples.

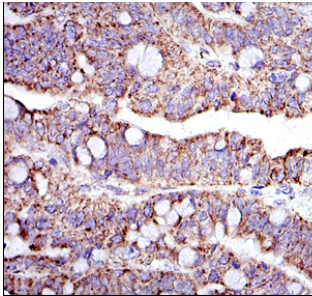
RA1138 immunogen is purified recombinant fragment of human PHB expressed in E. Coli. .

RA1138 detects PHB which has a predicted molecular weight of approximately 30kDa.

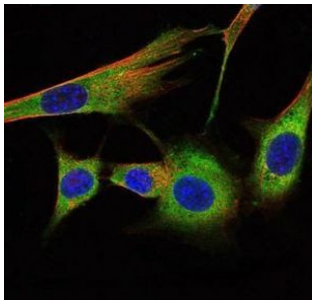
## Product Images For Prohibitin (Mitochondrial Marker) Monoclonal Antibody



Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. A-431 cells were transfected with Prohibitin siRNA and decrease in signal intensity was observed in Western Blot application using Anti-Prohibitin Monoclonal Antibody (5H7) (Product # RA1138). {KD}



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



Immunofluorescence analysis of NIH/3T3 cells using PHB monoclonal antibody (Product # RA1138) (Green). Blue: DRAQ5 fluorescent DNA dye. Red: actin filaments have been labeled with phalloidin.

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals. Rev:IMB1269