PGRMC1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_006658.1

Catalog No. A304-561A GeneID 10857

Lot No. A304-561A-1

APPLICATIONS WB, IP, IHC

SPECIES REACTIVITY Human, Mouse

PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Pig and Orangutan

AMOUNT 100 μl

CONCENTRATION 1000 μg/ml

STORAGE/SHELF LIFE 2 - 8° C / 1 year from date of receipt

PHYSICAL STATE Liquid

BUFFER Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide

ISOTYPE IgG
ORIGIN USA

PRODUCTION PROCEDURES

Antibody was affinity purified using an epitope specific to PGRMC1 immobilized on solid support.

The epitope recognized by A304-561A maps to a region between residue 145 to 195 of human

Progesterone Receptor Membrane Component 1 using the numbering given in entry

NP_006658.1 (GeneID 10857).

Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4

equals 1.0 mg of IgG.

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined

experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot 1:1.000 - 1:5.000

Immunoprecipitation 2 – 10 µg/mg lysate

Immunohistochemistry 1:2,000 - 1:10,000. Epitope retrieval with citrate buffer pH 6.0 is

recommended for FFPE tissue sections.

APPLICATION NOTES Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. \$100–020),

Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-20% SDS-PAGE

(link to IP-western blot protocol in Additional Info section below).

Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.

ADDITIONAL INFO https://www.bethyl.com/product/A304-561A

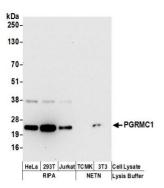
Use the link above to view SDS, a current list of citations, and other product specific information.

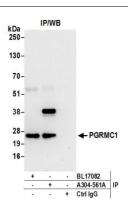
IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer

Date: June 21, 2019

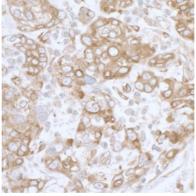






Detection of human and mouse PGRMC1 by western blot. Samples: Whole cell lysate (50 μg) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN and RIPA lysis buffer. Antibodies: Affinity purified rabbit anti-PGRMC1 antibody A304-561A (lot A304-561A-1) used for WB at 0.4 μg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

Detection of human PGRMC1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using RIPA lysis buffer. *Antibodies:* Affinity purified rabbit anti-PGRMC1 antibody A304-561A (lot A304-561A-1) used for IP at 6 μg per reaction. PGRMC1 was also immunoprecipitated by rabbit anti-PGRMC1 antibody BL17082. For blotting immunoprecipitated PGRMC1, A304-561A was used at 1 μg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human PGRMC1 by immunohistochemistry. *Sample:* FFPE section of human breast carcinoma. *Antibody:* Affinity purified rabbit anti- PGRMC1 (Cat. No. A304-561A Lot1) used at a dilution of 1:5,000 (0.2µg/ml). *Detection:* DAB