BMI1 Recombinant Monoclonal Antibody [BLR119H]

Rabbit Recombinant Monoclonal

Purified

Catalog No. A700-119

Lot No. A700-119-1

Protein ID NP_005171.4

GeneID 648

APPLICATIONS	WB, IP, IHC, ICC
SPECIES REACTIVITY	Human, Mouse
AMOUNT	100 µl (50+ tests)
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Borate Buffered Saline (BBS) pH 8.2 with 0.09% Sodium Azide, BSA Free
ISOTYPE	IgG
CLONE #	BLR119H
ORIGIN	USA
PRODUCTION PROCEDURES	Recombinant antibody was purified from cell culture supernatant. Immunogen was a peptide representing a region between residue 250 and 300 of human polycomb complex protein BMI1 using the numbering given in entry NP_005171.4 (Gene ID 648).
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

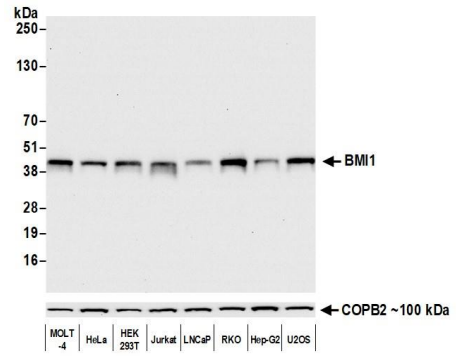
Western Blot	1:1,000
Immunoprecipitation	6 µl/1 mg lysate
Immunohistochemistry	1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.
Immunocytochemistry	1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.

IHC HUMAN CONTROLS	Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma, Placenta, Prostate Carcinoma, Testicular Seminoma, Tonsil, GaMG cells
ADDITIONAL INFO	https://www.bethyl.com/product/A700-119 Use the link above to view SDS, a current list of citations, and other product specific information.

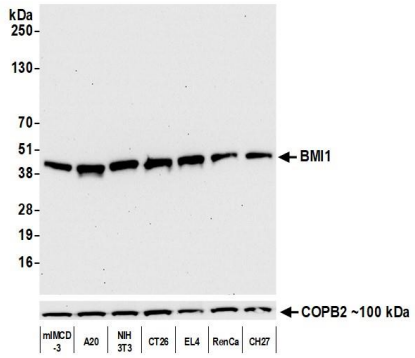
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Eric McIntush, PhD | Chief Scientific Officer

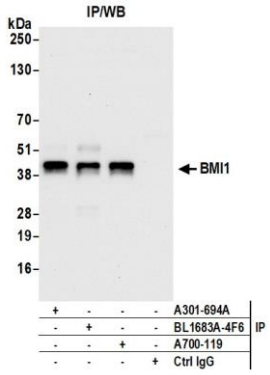
Date: August 31, 2020



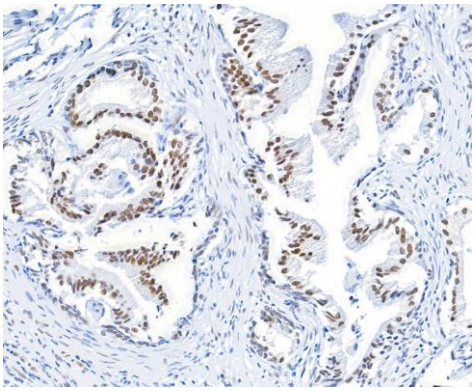
Detection of human BMI1 by western blot. Samples: Whole cell lysate (10 µg) from MOLT-4, HeLa, HEK293T, Jurkat, LNCaP, RKO, Hep-G2, and U2OS cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-BMI1 recombinant monoclonal antibody [BLR119H] (A700-119 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-COPB2 antibody (A304-523A).



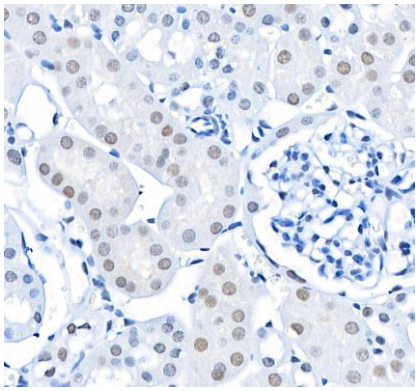
Detection of mouse BMI1 by western blot. *Samples:* Whole cell lysate (10 µg) from mIMCD-3, A20, NIH 3T3, CT26, EL4, RenCa, and CH27 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-BMI1 recombinant monoclonal antibody [BLR119H] (A700-119 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-COPB2 antibody (A304-523A).



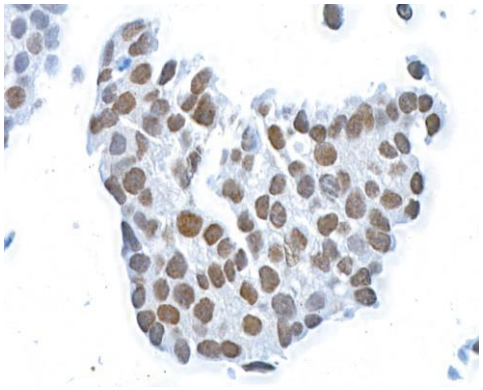
Detection of human BMI1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-BMI1 recombinant monoclonal antibody [BLR119H] (A700-119 lot 1) used for IP at 6 µl/mg lysate. BMI1 was also immunoprecipitated by rabbit anti-BMI1 antibodies A301-694A and BL1683A-4F6. For blotting immunoprecipitated BMI1, A700-119 was used at 1:1000. Chemiluminescence with an exposure time of 10 seconds.



Detection of human BMI1 in FFPE prostate carcinoma by immunohistochemistry. *Antibody:* Rabbit anti-BMI1 recombinant monoclonal antibody [BLR119H] (A700-119 lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



Detection of mouse BMI1 in FFPE renal cell carcinoma by immunohistochemistry. *Antibody:* Rabbit anti-BMI1 recombinant monoclonal antibody [BLR119H] (A700-119 lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



Detection of human BMI1 in FFPE LNCaP cells by immunocytochemistry. *Antibody:* Rabbit anti-BMI1 recombinant monoclonal antibody [BLR119H] (A700-119 lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.