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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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BMI1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_005171.4

Catalog No. A301-694A

GeneID 648

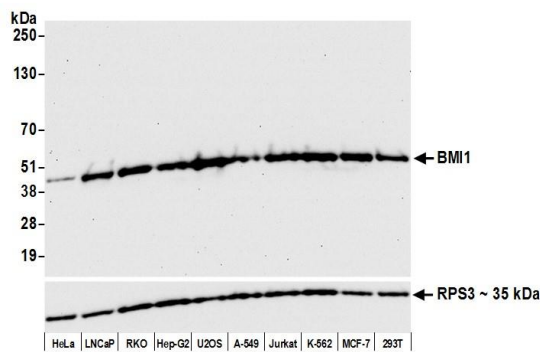
Lot No. A301-694A-4



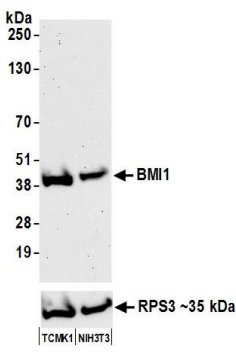
APPLICATIONS	WB, IP, IHC						
SPECIES REACTIVITY	Human, Mouse						
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Chicken, Bovine, Cat and Orangutan						
AMOUNT	100 µl						
CONCENTRATION	1000 µg/ml						
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date 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 BMI1 immobilized on solid support. The epitope recognized by A301-694A maps to a region between residue 276 and 326 of human B lymphoma Mo-MLV insertion region 1 homolog using the numbering given in entry NP_005171.4 (GeneID 648). Immunoglobulin 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. <table><tr><td>Western Blot</td><td>1:2,000 – 1:10,000</td></tr><tr><td>Immunoprecipitation</td><td>2 – 10 µg/mg lysate</td></tr><tr><td>Immunohistochemistry</td><td>1:500 – 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.</td></tr></table>	Western Blot	1:2,000 – 1:10,000	Immunoprecipitation	2 – 10 µg/mg lysate	Immunohistochemistry	1:500 – 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
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Immunoprecipitation	2 – 10 µg/mg lysate						
Immunohistochemistry	1:500 – 1:2,000. 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. S100-020), 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.						
IHC HUMAN CONTROLS	Breast Carcinoma, Linitis Plastica Stomach Cancer, Pancreatic Islet Cell Tumor						
IHC MOUSE CONTROLS	Renal Cell Carcinoma						
ADDITIONAL INFO	https://www.bethyl.com/product/A301-694A 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

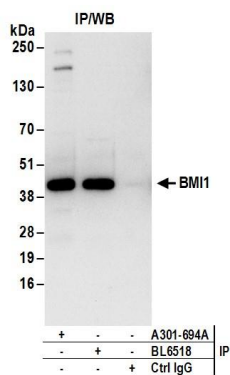
Date: June 21, 2019



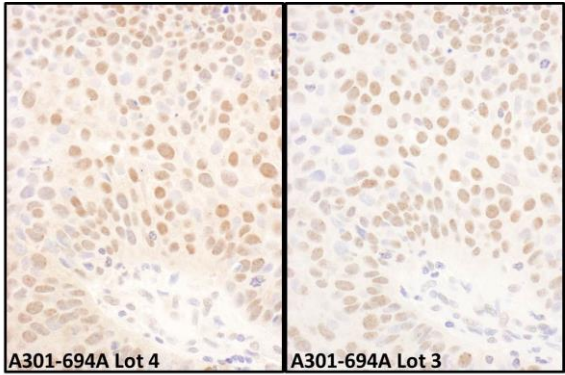
Detection of human BMI1 by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa, LNCaP, RKO, Hep-G2, U2OS, A-549, Jurkat, K-562, MCF-7, and HEK293T cells prepared using NETN lysis buffer. *Antibody:* Affinity purified Rabbit anti-BMI1 antibody A301-694A (lot A301-694A-4) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-RPS3 (A303-840A).



Detection of mouse BMI1 by western blot. *Samples:* Whole cell lysate (50 µg) from TCMK-1 and NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified Rabbit anti-BMI1 antibody A301-694A (lot A301-694A-4) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 75 seconds. Lower Panel: Rabbit anti-RPS3 (A303-840A).



Detection of human BMI1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP; 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-BMI1 antibody A301-694A (lot A301-694A-4) used for IP at 6 µg/mg lysate. BMI1 was also immunoprecipitated by rabbit anti-BMI1 antibody BL6518. *Detection:* Chemiluminescence with an exposure time of 10 seconds.



Detection of human BMI1 by immunohistochemistry. *Sample:* FFPE section of human lung carcinoma. *Antibody:* Affinity purified rabbit anti-BMI1 (Cat. No. A301-694A Lot4 – left and Cat. No. A301-694A Lot3 – right) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB