

EZH2 Recombinant Monoclonal Antibody [BLR310M]

Rabbit Recombinant Monoclonal

Purified		RefSeq ID	NP_004447.2
Catalog No.	A700-310	Uniprot ID	Q15910
Lot No.	1	GenID	2146

APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human, Mouse
AMOUNT	100 µl (10 blots)
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 – 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Phosphate Buffered Saline (PBS) with 0.09% Sodium Azide, BSA-Free
ISOTYPE	IgG
CLONE #	BLR310M
ORIGIN	USA

PRODUCTION PROCEDURES Recombinant antibody was purified from cell culture supernatant.

Immunogen was a recombinant protein representing the amino terminal region of human Histone-lysine N-methyltransferase EZH2 (residues 1-254, NP_004447.2).

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/mg lysate

APPLICATION NOTES All western blot analysis is performed using 5% Milk-TBST for blocking and as antibody diluent. Primary antibody is incubated overnight.

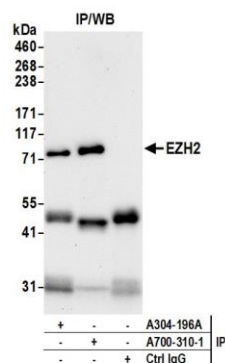
Western blots of cell lysates are performed using Goat anti-Rabbit IgG Heavy and Light Chain Antibody (Cat. No. A120-101P).

Western blots of immunoprecipitates are performed using Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) with 5% Normal Pig Serum (Cat. No. S100-020) added to the blocking buffer.

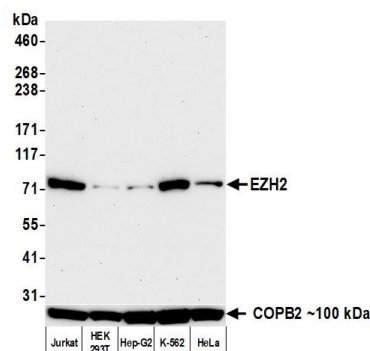
ADDITIONAL INFO <https://www.fortislife.com/p/A700-310>

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

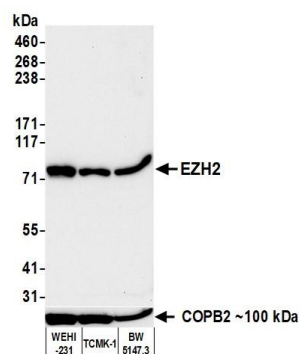
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: February 27, 2024



Detection of human EZH2 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-EZH2 recombinant monoclonal antibody [BLR310M] (A700-310 lot 1) used for IP at 6 μ l per reaction. EZH2 was also immunoprecipitated by a second antibody against a different epitope of EZH2 (A304-196A). For blotting immunoprecipitated EZH2, A700-310 was used at 1:1000. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human EZH2 by western blot. *Samples:* Whole cell lysate (50 μ g) from Jurkat, HEK293T, Hep-G2, K-562, and HeLa cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-EZH2 recombinant monoclonal antibody [BLR310M] (A700-310 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). *Detection:* Chemiluminescence with an exposure time of 3 minutes. Lower Panel: Rabbit anti-COPB2 antibody (A304-523A).



Detection of mouse EZH2 by western blot. *Samples:* Whole cell lysate (50 μ g) from WEHI-231, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-EZH2 recombinant monoclonal antibody [BLR310M] (A700-310 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). *Detection:* Chemiluminescence with an exposure time of 75 seconds. Lower Panel: Rabbit anti-COPB2 antibody (A304-523A).