BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-EZH2 Antibody

Catalog Number: A00050-3

About EZH2

EZH2 is a protein that transfers sulfate to the C-4 hydroxyl of beta-1,4-linked GalNAc flanked by GlcUA residues in chondroitin.

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Overview

Product Name	Anti-EZH2 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-EZH2 Antibody (Catalog # A00050-3). Tested in WB, IHC-P, IF, Flow Cytometry application(s). This antibody reacts with Human, Mouse.
Application	Flow Cytometry, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q15910

Technical Details

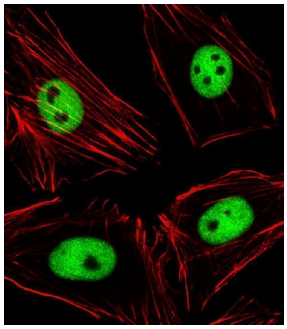
Immunogen	This EZH2 antibody is generated from rabbits immunized with a recombinant fragment (N-term) protein from human EZH2.
Predicted Reactive Species	Bovine, Mouse, Rat
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).
Cross Reactivity	No cross reactivity with other proteins.
Isotype	Rabbit IgG

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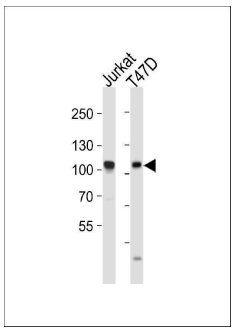
Form	Liquid
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	IF: 1:25 WB: 1:2000 IHC-P: 1:10-1:50 FC: 1:25

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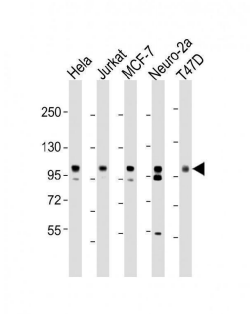
Anti-EZH2 Antibody (A00050-3) Images



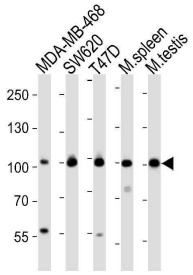
Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0. 1% Triton X-100 permeabilized Hela (Human cervical epithelial adenocarcinoma cell line) cells labeling EZH2 with A00050-3 at 1/25 dilution, followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG secondary antibody at 1/400 dilution (green). Confocal image showing nuclear staining on Hela cell line. Cytoplasmic actin is detected with Alexa Fluor® 555 conjugated with Phalloidin at 1/100 dilution (red).



Western blot analysis of lysates from Jurkat, T47D cell line (from left to right), using EZH2 Antibody. A00050-3 was diluted at 1:2000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.



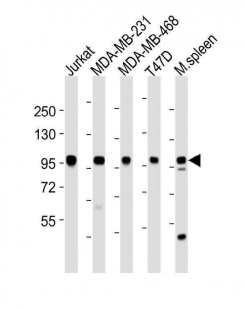
All lanes : Anti-EZH2 Antibody at 1:2000 dilutionLane 1: Hela whole cell lysateLane 2: Jurkat whole cell lysateLane 3: MCF-7 whole cell lysateLane 4: Neuro-2a whole cell lysateLane 5: T47D whole cell lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 85 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

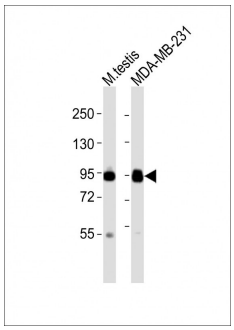


Western blot analysis of lysates from MDA-MB-468, SW620, T47D cell line, mouse spleen, mouse testis tissue (from left to right), using EZH2 Antibody. A00050-3 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

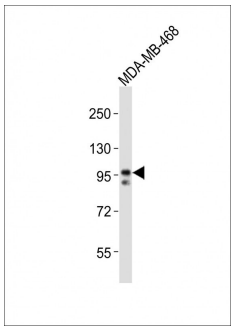
All lanes : Anti-EZH2 Antibody at 1:2000 dilutionLane 1: Jurkat whole cell lysatesLane 2: MDA-MB-231 whole cell lysatesLane 3: MDA-MB-468 whole cell lysatesLane 4: T47D whole cell lysatesLane 5: mouse spleen lysatesLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 85 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

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All lanes : Anti-EZH2 Antibody at 1:2000 dilutionLane 1: mouse testis lysatesLane 2: MDA-MB-231 whole cell lysatesLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 85 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



Anti-EZH2 Antibodyat 1:500 dilution + MDA-MB-468 whole cell lysatesLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 85 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

Anti-EZH2 Antibody

For Research Use Only. Not for use in diagnostic procedures.