

# BMI-1 Polyclonal Antibody

| Product Details    |  |
|--------------------|--|
| Size               | 100 µL   |
| Species Reactivity | Human, Mouse, Rat  |
| Host/Isotype       | Rabbit / IgG   |
| Class              | Polyclonal   |
| Type               | Antibody   |
| Conjugate          | Unconjugated   |
| Immunogen          | Recombinant Protein corresponding to Human BMI-1   |
| Form               | Liquid   |
| Concentration      | 0.2 mg/mL  |
| Purification       | Antigen affinity chromatography  |
| Storage buffer     | PBS, pH 7.2, with 40% glycerol   |
| Contains           | 0.02% sodium azide   |
| Storage conditions | Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles. |
| RRID               | AB_2856410   |

| Applications               | Tested Dilution | Publications |
|----------------------------|-----------------|--------------|
| Western Blot (WB)          | 0.04-0.4 µg/mL  | -            |
| Immunohistochemistry (IHC) | 1:50-1:200      | -            |

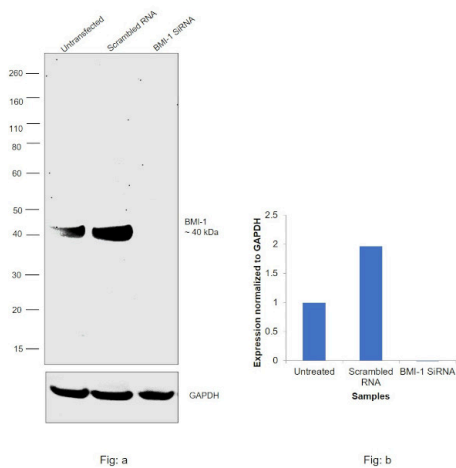
## Product Specific Information

Immunogen sequence: RPTCKRMKIS HQRDGLTNAG ELESDSGSDK ANSPAGGIPS TSSCLPSPST PVQSPHPQFP  
HISSTMNGTS NSPSGNHQSS FANRPRKSSV NGSSATSSG

Product Images For BMI-1 Polyclonal Antibody

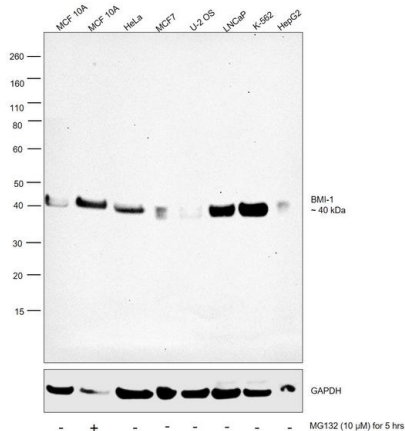
BMI-1 Antibody (PA5-110999)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HeLa cells were transfected with polycomb group protein Bmi1 siRNA and decrease in signal intensity was observed in Western Blot application using Anti-BMI-1 Polyclonal Antibody (Product # PA5-110999). {KD}



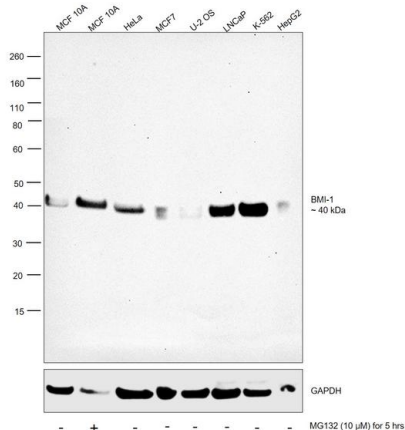
BMI-1 Antibody (PA5-110999) in WB

Western blot was performed using Anti-BMI-1 Polyclonal Antibody (Product # PA5-110999) and a 40 kDa band corresponding to polycomb group protein Bmi1 was observed across cell lines tested. Whole cell extracts (30 µg lysate) of MCF 10A (Lane 1), MCF 10A (Lane 2) treated with MG132 at 10 µM for 5 hrs, HeLa (Lane 3), MCF7 (Lane 4), U-2 OS (Lane 5), LNCaP (Lane 6), K-562 (Lane 7) and Hep G2 (Lane 8) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0321BOX), 10 well. Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23002) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (0.1 µg/mL) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:20,000 dilution) using the iBright™ FL1500 Imaging System (Product # A44115). Chemiluminescent detection was performed using SuperSignal™ West Pico PLUS Chemiluminescent Substrate (Product # 34580).



BMI-1 Antibody (PA5-110999)

Altered expression of proteins upon cell treatment demonstrates antibody specificity. Western blot using BMI-1 Polyclonal Antibody (Product # PA5-110999), shows an increase in BMI-1 expression upon treatment of MCF10A cell line with MG132 at 10 µM for 5 hrs as observed in Lane 2. {TM}



View more figures on [thermofisher.com](https://thermofisher.com)

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.