

# Product Datasheet

## BMI-1 Antibody - BSA Free NB100-87026

Unit Size: 100 ul

Store at 4C. Do not freeze.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

**Reviews: 1 Publications: 2**

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB100-87026](http://www.novusbio.com/NB100-87026)

Updated 9/9/2025 v.20.1

**Earn rewards for product  
reviews and publications.**

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NB100-87026](http://www.novusbio.com/reviews/destination/NB100-87026)



**NB100-87026**

BMI-1 Antibody - BSA Free

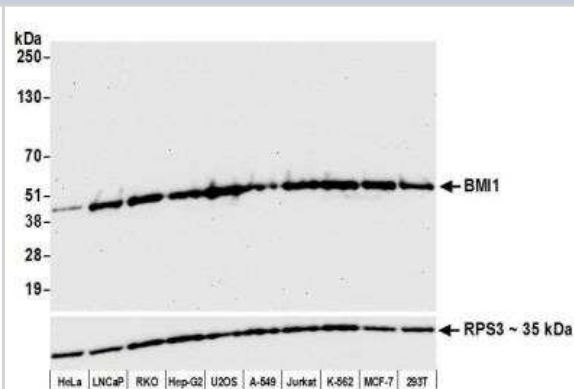
Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

Product Description	
Description	Novus Biologicals Rabbit BMI-1 Antibody - BSA Free (NB100-87026) is a polyclonal antibody validated for use in IHC, WB and IP. Anti-BMI-1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	648
Gene Symbol	BMI1
Species	Human, Mouse
Reactivity Notes	Cat (100%), Orangutan (100%).
Immunogen	The immunogen recognized by this antibody 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).

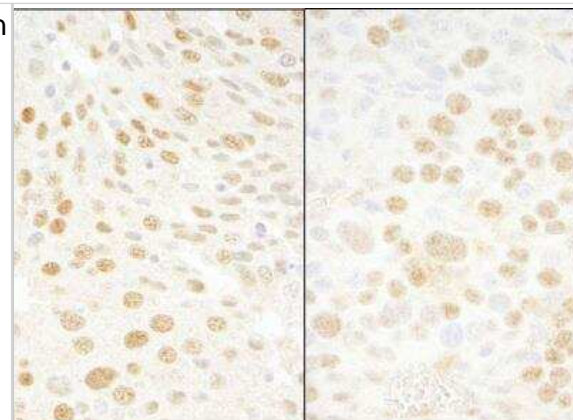
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot, Immunohistochemistry 1:500-1:2000, Immunoprecipitation 2-5 ug/mg lysate, Immunohistochemistry-Paraffin 1:500-1:2000
Application Notes	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

**Images**

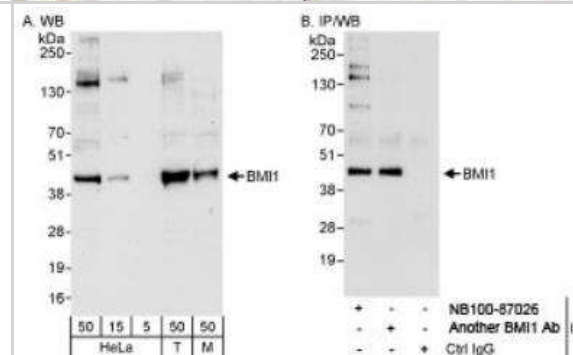
Western Blot: BMI-1 Antibody [NB100-87026] - Detection of human BMI1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, LNCaP, RKO, Hep-G2, U2OS, A-549, Jurkat, K-562, MCF-7, and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified Rabbit anti-BMI1 antibody NB100-87026 used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-RPS3.



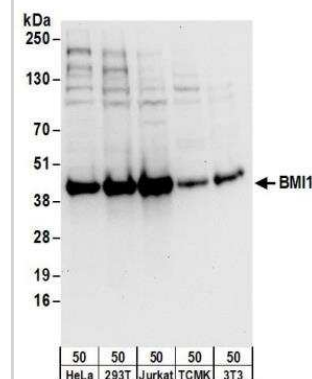
Immunohistochemistry-Paraffin: BMI-1 Antibody [NB100-87026] - Human pancreatic islet cell carcinoma (left) and mouse renal cell carcinoma (right). Antibody used at a dilution of 1:1000 (1ug/ml).



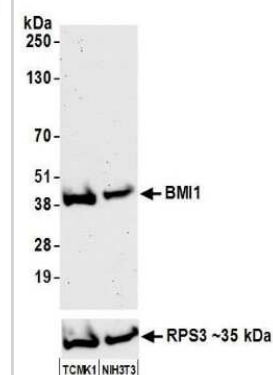
Western Blot: BMI-1 Antibody [NB100-87026] - Detection of Human and Mouse BMI1 on HeLa whole cell lysate using NB100-87026. BMI1 was also immunoprecipitated by another rabbit anti-BMI1 antibody.



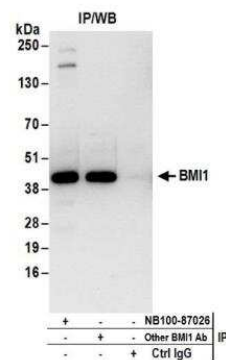
Western Blot: BMI-1 Antibody [NB100-87026] - Detection of Human and Mouse BMI1 by Western Blot. Samples: Whole cell lysate (50 ug) from HeLa, 293T, Jurkat, mouse TCMK-1, and mouse NIH3T3 cells. Antibodies: Affinity purified rabbit anti-BMI1 antibody NB100-87026 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



Western Blot: BMI-1 Antibody [NB100-87026] - Detection of mouse BMI1 by western blot. Samples: Whole cell lysate (50 ug) from TCMK-1 and NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified Rabbit anti-BMI1 antibody NB100-87026 used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds. Lower Panel: Rabbit anti-RPS3.



Immunoprecipitation: BMI-1 Antibody [NB100-87026] - 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 NB100-87026 used for IP at 6 ug/mg lysate. BMI1 was also immunoprecipitated by another rabbit anti-BMI1 antibody. Detection: Chemiluminescence with an exposure time of 10 seconds.



## Publications

Parker, G A, Li, N Et al. Histopathological Features of the Development of Intestine and Mesenteric Lymph Node Injury in a Nonhuman Primate Model of Partial-body Irradiation with Minimal Bone Marrow Sparing. Health Phys 2019 -03-01 [PMID: 30624355] (WB, Human)

Ismail IH, Andrin C, McDonald D et al. BMI1-mediated histone ubiquitylation promotes DNA double-strand break repair. J Cell Biol 2010-10-01 [PMID: 20921134]



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NB100-87026**

---

NBL1-07997	BMI-1 Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

---

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NB100-87026](http://www.novusbio.com/reviews/submit/NB100-87026)

Earn gift cards/discounts by submitting a publication using this product:

[www.novusbio.com/publications](http://www.novusbio.com/publications)

