

Product Datasheet

BMI-1 Antibody (LLBmi1-1) - Azide and BSA Free NBP2-80599

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-80599

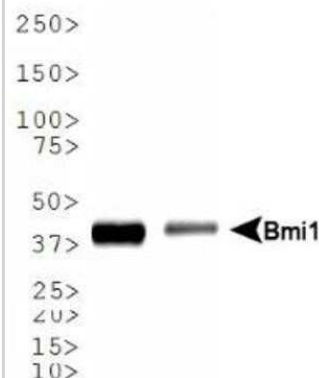
BMI-1 Antibody (LLBmi1-1) - Azide and BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	LLBmi1-1
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	42 kDa
Product Description	
Description	Novus Biologicals Mouse BMI-1 Antibody (LLBmi1-1) - Azide and BSA Free (NBP1-96140) is a monoclonal antibody validated for use in WB, Flow, ICC/IF, IP and ChIP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	648
Gene Symbol	BMI1
Species	Human, Mouse
Immunogen	Human Bmi1 protein [Swiss-Prot# P35226]
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry, Immunocytochemistry/ Immunofluorescence 1:100, Immunoprecipitation 1:10-1:500, Chromatin Immunoprecipitation (ChIP) 1:10-1:500
Application Notes	This Bmi1 Antibody (LLBmi1-1) is useful for Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Chromatin Immunoprecipitation and Western blot, where a band can be seen at approximately 42 kDa. The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.

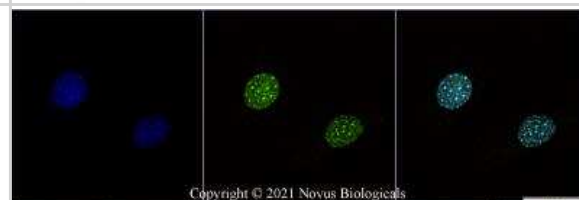


Images

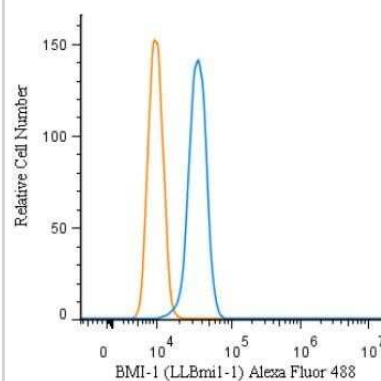
Western Blot: BMI-1 Antibody (LLBmi1-1) - Azide and BSA Free [NBP2-80599] - Western blot analysis of Bmi1 expression in 1) U2OS and 2) K562 whole cell lysates using NBP1-96140. Image from the standard format of this antibody.



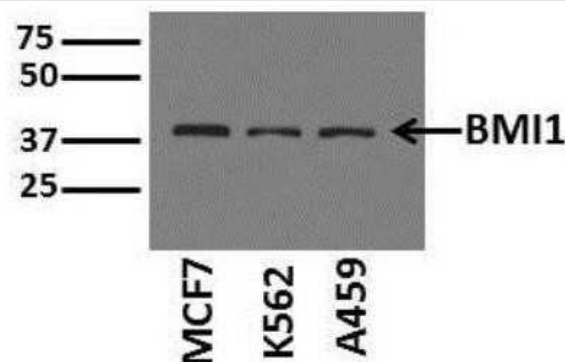
Immunocytochemistry/Immunofluorescence: BMI-1 Antibody (LLBmi1-1) - Azide and BSA Free [NBP2-80599] - NIH3T3 cells were fixed in 4% paraformaldehyde for 10 minutes and permeabilized in 0.5% Triton X-100 in PBS for 5 minutes. The cells were incubated with anti-BMI-1 Antibody (LLBmi1-1) NBP2-80599 at 2 ug/ml overnight at 4C and detected with an anti-mouse Dylight 488 (Green) at a 1:1000 dilution for 60 minutes. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 100X objective and digitally deconvolved.



Flow Cytometry: BMI-1 Antibody (LLBmi1-1) - Azide and BSA Free [NBP2-80599] - An intracellular stain was performed on U2OS cells with BMI-1 Antibody [LLBmi1-1] NBP1-96140AF488 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 5 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to Alexa Fluor 488.



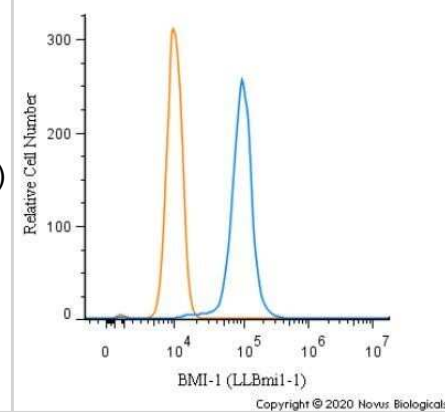
Western Blot: BMI-1 Antibody (LLBmi1-1) - Azide and BSA Free [NBP2-80599] - BMI-1 expression in human cell lines (MCF-7, K562 and A459). Image from verified customer review. Image from the standard format of this antibody.



Immunocytochemistry/Immunofluorescence: BMI-1 Antibody (LLBmi1-1) - Azide and BSA Free [NBP2-80599] - HeLa cells were fixed in 4% paraformaldehyde for 10 minutes and permeabilized in 0.5% Triton X-100 in PBS for 5 minutes. The cells were incubated with anti-BMI-1 Antibody (LLBmi1-1) NBP2-80599 at 2 ug/ml overnight at 4C and detected with an anti-mouse Dylight 488 (Green) at a 1:1000 dilution for 60 minutes. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 100X objective and digitally deconvolved.



Flow Cytometry: BMI-1 Antibody (LLBmi1-1) - Azide and BSA Free [NBP2-80599] - An intracellular stain was performed on U2OS cells with BMI-1 [LLBmi1-1] Antibody NBP1-96140 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 1.0 ug/mL for 30 minutes at room temperature, followed by Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Dylight 550 (84540, Thermo Fisher). Image from the standard format of this antibody.





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Products Related to NBP2-80599

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)

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.

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