

Product Datasheet

BMI-1 Antibody - BSA Free NB600-487

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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NB600-487

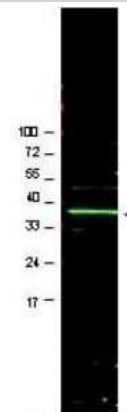
BMI-1 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	<p>This affinity purified antibody is directed against human Bmi1 protein. The product was affinity purified from monospecific antiserum by immunoaffinity purification</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
Host	Goat
Gene ID	648
Gene Symbol	BMI1
Species	Human
Reactivity Notes	A BLAST analysis was used to suggest cross reactivity with BMI-1 protein from human, rat, orangutan, dog, chimpanzee, bovine and cat based on 100% homology to the immunogen sequence. This sequence shows significant homology to homologues from Xenopus and chicken sources. Reactivity against homologues from other sources is not known.
Immunogen	This affinity purified BMI-1 Antibody was prepared from whole goat serum produced by repeated immunizations with a synthetic peptide corresponding to amino acids 252-264 of human BMI-1 protein. (Uniprot: P35226)
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500-1:3000, ELISA 1:5000-1:30000, Immunocytochemistry/ Immunofluorescence 1:200
Application Notes	This affinity purified antibody has been tested for use in ELISA, immunofluorescence, and western blot. A 1:200 dilution is reported to be effective for Immunofluorescence against Methanol fixed cells. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 37 kDa in size corresponding to Bmi1 by western blotting in the appropriate cell lysate or extract.

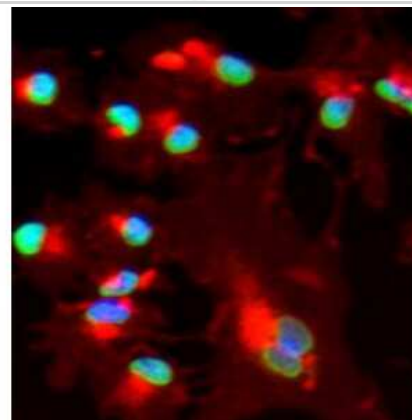


Images

Western Blot: BMI-1 Antibody [NB600-487] - Analysis of a band 37 kDa corresponding to human Bmi1 (arrowhead). Approximately 20 ug of a U2OS whole cell lysate (bone osteosarcoma) was separated by 4-20% SDS-PAGE and transferred onto nitrocellulose. After blocking in PBS containing 5% nonfat dry milk, the membrane was probed overnight at 4 C with the primary antibody diluted to 1:1,000 in PBS containing 1% nonfat dry milk. The membrane was washed and reacted with a 1:20,000 dilution of IRDye800 conjugated Rb-a-Goat IgG [H&L] MX for 45 min at room temperature.



Immunocytochemistry/Immunofluorescence: BMI-1 Antibody [NB600-487] - Nuclear staining (green) of methanol fixed (100%, 5 min) HepG2 cells. The cells were blocked and permeabilized in 1%BSA / 10% normal donkey serum / 0.3M glycine in 0.1% PBS-Tween for 1h prior to incubation with the primary antibody (1:200 dilution) overnight at +4C and detected with a 488nm fluorescent dye conjugated secondary Ab. Cell nuclei are stained with DAPI (blue) and plasma membranes are stained with WGA (red).





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Products Related to NB600-487

NBL1-07997	BMI-1 Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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.

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