Bmi1 antibody

Cat. No. GTX45791

Host	Goat
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, ELISA, Multiplexing
Reactivity	Human

Package
50 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:13000
ICC/IF	1:200
ELISA	1:5000-1:30000
Multiplexing	Assay dependent

Not tested in other applications.

Calculated MW 37 kDa. (Note)

Properties

Form	Liquid
Buffer	20mM Potassium Phosphate, 150mM NaCl
Preservative	0.01% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	0.91 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide corresponding to amino acids 252-264 of human Bmi1 protein.
Purification	Purified by antigen-affinity chromatography. From serum
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

GeneTex, Inc. (North America)
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Note

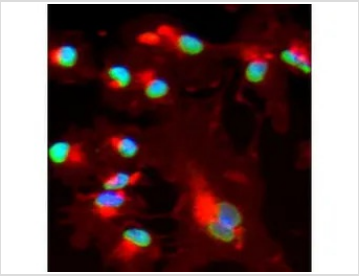
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES

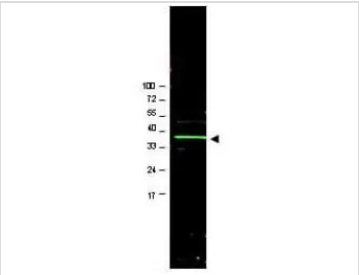
GTX45791 WB Image

Western blot using GeneTex's Affinity Purified anti-Bmi1 antibody shows detection of a band ~37 kDa corresponding to human Bmi1 (arrowhead). Approximately 20 µg of a U2OS whole cell lysate 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 rabbit anti-Goat IgG [H&L] for 45 min at room temperature. IRDye800 fluorescence image was captured using the OdysseyR Infrared Imaging System developed by LI-COR. IRDye is a trademark of LI-COR, Inc. Other detection systems will yield similar results.



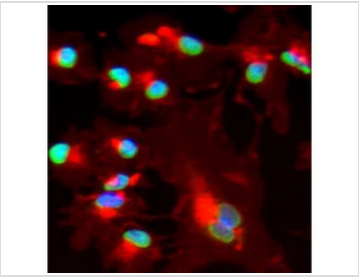
GTX45791 ICC/IF Image

Immunofluorescence using affinity purified goat anti Bmi1(GTX45791) shows 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 +4°C 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).



GTX45791 WB Image

WB analysis of U2OS whole cell lysate using GTX45791 Bmi1 antibody.
Loading : 20 µg
Dilution : 1:1000



GTX45791 ICC/IF Image

ICC/IF analysis of MeOH-fixed HepG2 cells using GTX45791 Bmi1 antibody.
Green : Primary antibody
Red : Wheat germ agglutinin
Blue : DAPI
Dilution : 1:200

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