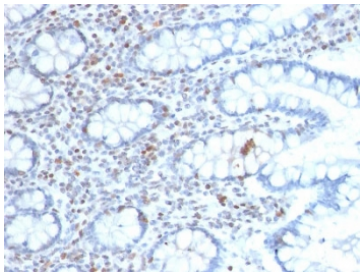
BMI1 Antibody [clone BMI1/2689] (V7349)

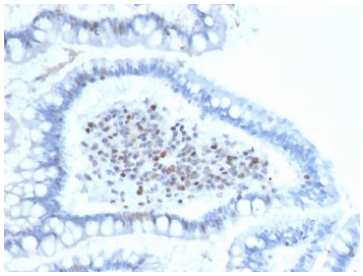
Catalog No.	Formulation	Size
V7349-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7349-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7349SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7349IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

Bulk quote request

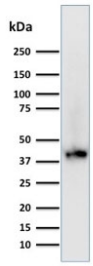
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	BMI1/2689
Purity	Protein G affinity chromatography
UniProt	P35226
Localization	Nuclear
Applications	Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Limitations	This BMI1 antibody is available for research use only.



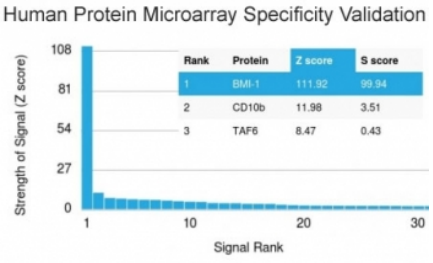
BMI1 Antibody Colon Carcinoma IHC. Immunohistochemistry testing of FFPE human colon carcinoma with BMI1 antibody (clone BMI1/2689). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.



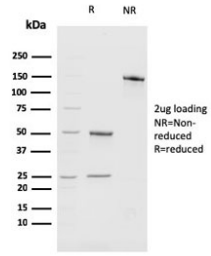
BMI1 Antibody FFEP Human Colon Carcinoma IHC. Immunohistochemistry testing of FFPE human colon carcinoma with BMI1 antibody (clone BMI1/2689). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.



BMI1 Antibody 293T Cell WB. Western blot testing of human 293T lysate with BMI1 antibody (clone BMI1/2689). Expected molecular weight: 37-43 kDa.



BMI1 Antibody Microarray Specificity Validation. Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using Bcl6 antibody (clone BMI1/2689). These results demonstrate the foremost specificity of the BMI1/2689 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.



SDS-PAGE analysis of purified, BSA-free BMI1 antibody (clone BMI1/2689) as confirmation of integrity and purity.

Description

BMI1 Antibody specifically detects B cell-specific moloney murine leukemia virus integration site 1 (Bmi-1), a transcriptional receptor of the polycomb gene family involved in several cellular processes including cell-cycle regulation, apoptosis, and maintenance of adult and neoplastic stem cells by providing self-renewal capacity. Further, Bmi-1 expression has been associated with malignant transformation, tumor progression, metastatic disease, and poor prognosis in human malignancies.

Additional studies involving polycomb-mediated transcriptional repression, stem cell renewal, and epigenetic regulation pathways may benefit from our BMI1 antibody page featuring clone BMI1/2823 with HuProt protein microarray specificity validation.

Application Notes

Optimal dilution of the BMI1 antibody should be determined by the researcher.

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

A portion of amino acids 142-326 from the human protein was used as the immunogen for the BMI1 antibody.

Storage

Store the BMI1 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Copyright © NSJ Bioreagents. All rights reserved.