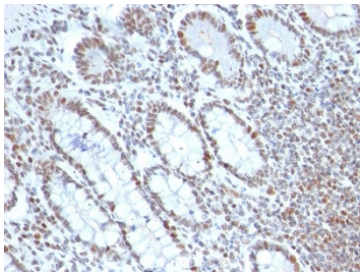
BMI-1 Antibody / Protein Microarray Validated Antibody [clone BMI1/2690] (V7517)

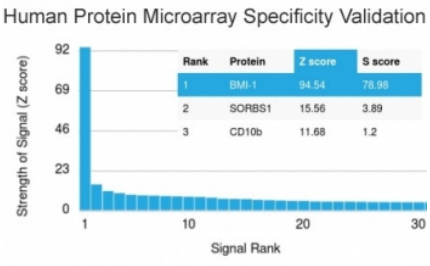
Catalog No.	Formulation	Size
V7517-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7517-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7517SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7517IHC-7ML	Prediluted 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 IgG2a, kappa
Clone Name	BMI1/2690
Purity	Protein G affinity chromatography
UniProt	P35226
Localization	Nuclear
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This BMI-1 Antibody / Protein Microarray Validated Antibody is available for research use only.



BMI-1 Antibody Colon Cancer IHC. Immunohistochemistry testing of FFPE human colon carcinoma with BMI-1 antibody (clone BMI1/2689). HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.



BMI-1 Antibody Human Protein Microarray Validation. Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using Bcl6 antibody (clone BMI1/2690). These results demonstrate the foremost specificity of the BMI1/2690 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.

Description

This BMI-1 Antibody is a protein microarray validated monoclonal antibody specific to 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 BMI-1 Antibody / Protein Microarray Validated 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 BMI-1 antibody.

Storage

Store the BMI-1 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Alternate Names

BMI1 polycomb antibody, B lymphoma Mo-MLV insertion region 1 antibody, PCGF4 antibody, BMI1 stem cell marker antibody, BMI1 cancer stem cell antibody, polycomb group protein BMI1 antibody

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