

Mouse BMI1 Monoclonal Antibody | anti-BMI1 antibody

BMI1 (Stem Cell Marker)

CATALOG # AAA214816	HOST Mouse	REACTIVITY Human. Others not known.	APPLICATIONS Immunohistochemistry
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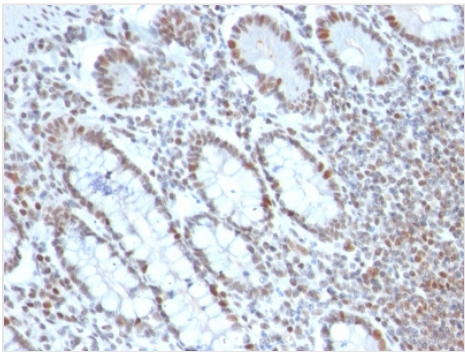
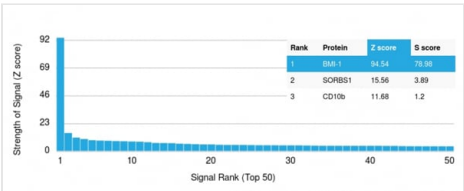
PRODUCT SYNONYMS

BMI1; Monoclonal Antibody; BMI1 (Stem Cell Marker); B lymphoma Mo MLV insertion region 1 homolog; BMI1 polycomb ring finger oncogene; FLV12/BMI1; Oncogene BMI1; PCGF4; Polycomb complex protein BMI-1; Polycomb group ring finger 4; RING finger protein 51; RNF51; anti-BMI1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human. Others not known.
Clonality	Monoclonal
Isotype	IgG
Clone Number	BMI1/2690
Specificity	The B cell-specific moloney murine leukemia virus integration site 1 (Bmi-1) is 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.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	326
Applicable Applications for anti-BMI1 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant fragment of human BMI1 protein (around aa 142-326) (exact sequence is proprietary)
Positive Control	HeLa or Jurkat Cells. Colon Carcinoma
Cellular Localization	Nuclear
Chromosome Location	10p12.2.3
Preparation and Storage	Antibody with azide - store at 2 to 8 degree C. Antibody without azide - store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with BMI1 Mouse Monoclonal Antibody (BMI1/2690).

ADDITIONAL INFORMATION

References	Park IK, Morrison SJ, Clarke MF. Bmi1, stem cells, and senescence regulation. J Clin Invest 2004; 113:175-179
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NCBI AND UNIPROT INFORMATION

NCBI GI #	323276616
NCBI GeneID	100532731
NCBI Accession #	NP_001190991.1
NCBI GenBank Nucleotide #	NM_001204062.1
UniProt Accession #	P35226; Q16030; Q5T8Z3; Q96F37
Molecular Weight	41kDa
NCBI Official Full Name	COMMD3-BMI1 read-through protein
NCBI Official Synonym Full Names	COMMD3-BMI1 readthrough
NCBI Official Symbol	COMMD3-BMI1
NCBI Official Synonym Symbols	BMI1; PCGF4; RNF51
NCBI Protein Information	COMMD3-BMI1 read-through protein
UniProt Protein Name	Polycomb complex protein BMI-1
UniProt Gene Name	BMI1
UniProt Synonym Gene Names	PCGF4; RNF51

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.