Rabbit BMI-1 Polyclonal Antibody | anti-BMI1 antibody

BMI-1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39326	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunocytochemistry, Western Blot, ELISA**

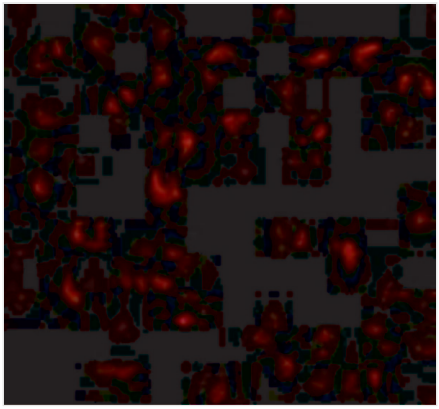
PRODUCT SYNONYMS

BMI-1; Polyclonal Antibody; BMI-1 Antibody; PCGF4; RNF51; FLVI2/BMI1; Polycomb complex protein BMI-1; Polycomb group RING finger protein 4; BMI1 polycomb ring finger oncogene; anti-BMI1 antibody

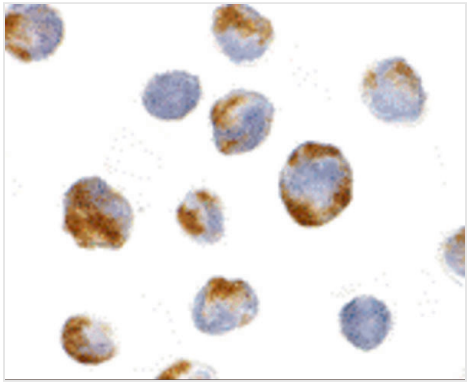
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	BMI-1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	326
Applicable Applications for anti-BMI1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	BMI-1 antibody was raised against a peptide corresponding to 15 amino acids near the center of human BMI-1.
Buffer	BMI-1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	BMI-1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

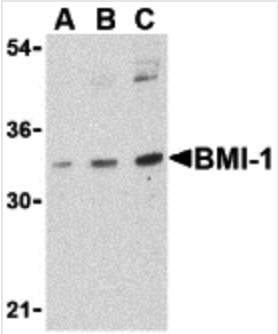
IMAGES



IF (Immunofluorescence)
Immunofluorescence of BMI-1 in K562 cells with BMI-1 antibody at 20 μg/mL.



ICC (Immunocytochemistry)
Immunocytochemistry of BMI-1 in K562 cells with BMI-1 antibody at 10 μg/mL.



WB (Western Blot)
Western blot analysis of BMI-1 in K562 cell lysate with BMI-1 antibody at (A) 0.5, (B) 1 and (C) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-BMI1 antibody	BMI-1 Antibody: The transcriptional repressor BMI-1 was first identified as a proto-oncogene frequently activated by Moloney murine leukemia proviral insertions in mice and cooperating with c-myc in the generation of mouse lymphomas. BMI-1 is involved in segment specification, cell growth and maintenance, transcriptional regulation, and chromatin modification. A major target of BMI-1 is the ink4a locus which encodes tumor suppressor proteins p16 and p19Arf, which are important in tumor progression and thought to be critical in cell proliferation and senescence. Recent studies have also shown that BMI-1 is required for the maintenance of adult normal and leukemic stem cells, suggesting that BMI-1 could an attractive therapeutic target for stem cell proliferation and renewal as well as for anti-cancer strategies.

NCBI AND UNIPROT INFORMATION

NCBI GI #	22258801
NCBI GeneID	100532731
UniProt Accession #	P35226; Q16030; Q5T8Z3; Q96F37
Molecular Weight	36,949 Da
NCBI Official Full Name	Polycomb complex protein BMI-1
NCBI Official Synonym Full Names	COMMD3-BMI1 readthrough
NCBI Official Symbol	COMMD3-BMI1
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
UniProt Entry Name	BMI1_HUMAN

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.

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