

Mouse BMI1 Monoclonal Antibody | anti-BMI1 antibody

BMI1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29913	Mouse	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunohistochemistry, Flow Cytometry, Functional Assay

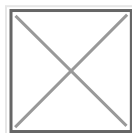
PRODUCT SYNONYMS

BMI1; Monoclonal Antibody; BMI1 Antibody; B lymphoma Mo MLV insertion region (mouse) antibody; B lymphoma Mo MLV insertion region 1 homolog antibody; Bmi 1 antibody; BMI1 antibody; BMI1 polycomb ring finger oncogene antibody; BMI1_HUMAN antibody; Flvi 2/bmi 1 antibody; FLVI2/BMI1 antibody; MGC12685 antibody; Murine leukemia viral (bmi 1) oncogene homolog antibody; Oncogene BMI 1 antibody; PCGF 4 antibody; PCGF4 antibody; Polycomb complex protein BMI 1 antibody; Polycomb complex protein BMI-1 antibody; Polycomb group protein Bmi1 antibody; Polycomb group ring finger 4 antibody; Polycomb group RING finger protein 4 antibody; RING finger protein 51 antibody; RNF 51 antibody; RNF51 antibody; anti-BMI1 antibody

PRODUCT SPECIFICATIONS

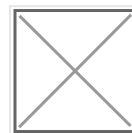
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	B3-G5
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-BMI1 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:1000 IHC: 1:200 ICC: 1:200 FC/FACS: 1:100-1:200
Immunogen	Recombinant protein within human Bmi1 full sequence.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



FCM (Flow Cytometry)

Flow cytometric analysis of HeLa cells with BMI1 antibody at 1/100 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Goat anti mouse IgG (FITC) was used as the secondary antibody.



ICC (Immunocytochemistry)

ICC staining Bmi1 in HeLa cells (red). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

**ICC (Immunocytochemistry)**

ICC staining Bmi1 in Lovo cells (red). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

**ICC (Immunocytochemistry)**

ICC staining Bmi1 in A549 cells (red). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using anti-BMI1 antibody. Counter stained with hematoxylin.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-Bmi1 antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-BMI1 antibody	The Bmi-1 was identified initially as an oncogene that cooperates with c-myc in the generation of B-cell lymphoma. It contributes to the maintenance of cell identity, stem cell self-renewal, cell cycle regulation, and oncogenesis by maintaining the silenced state of genes that promote cell lineage specification, cell death, and cell-cycle arrest.
Product Categories/Family for anti-BMI1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	27883842
NCBI GeneID	648
NCBI Accession #	NP_005171.4
NCBI GenBank Nucleotide #	NM_005180.8
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	BMI1 proto-oncogene, polycomb ring finger
NCBI Official Symbol	BMI1
NCBI Official Synonym Symbols	PCGF4; RNF51; FLVI2/BMI1
NCBI Protein Information	polycomb complex protein BMI-1; flvi-2/bmi-1; ring finger protein 51; polycomb group protein Bmi1; BMI1 polycomb ring finger oncogene; polycomb group RING finger protein 4; BMI1 polycomb ring finger proto-oncogene; B lymphoma Mo-MLV insertion region 1 hom
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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Online datasheet: <https://stage.aaabiotech.com/monoclonal/bmi1-antibody-clone-b3-g5-western-blot-immunocytochemistry-immunohistochemistry-flow-cytometry-elisa/29913>