Product Datasheet

Bmi1 Antibody

Catalog No: #48484

Package Size: #48484-1 50ul #48484-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

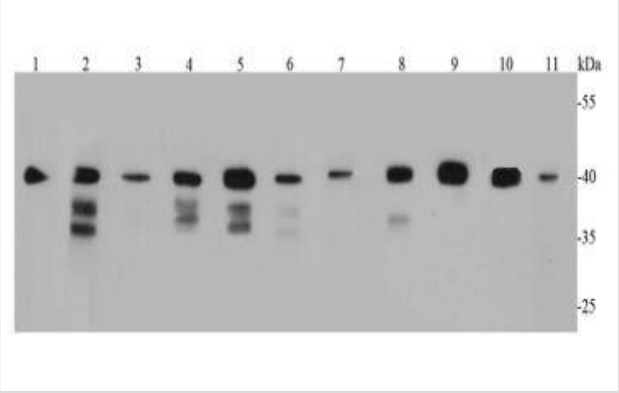
Description

Product Name	Bmi1 Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	B3-G5
Purification	ProA affinity purified
Applications	WB, ICC, IHC, FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein within human Bmi1 full sequence.
Other Names	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
Accession No.	Swiss-Prot#:P35226
Uniprot	P35226
GeneID	100532731;648;
Calculated MW	37kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

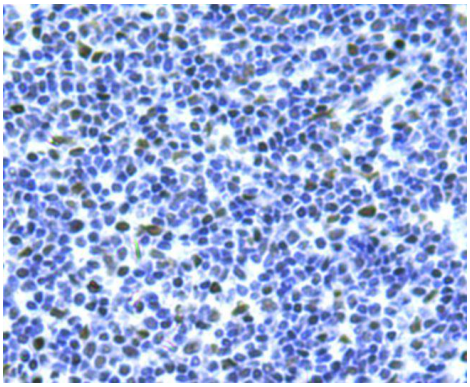
Application Details

WB: 1:1,000 IHC: 1:200 ICC: 1:200 FC: 1:100-1:200

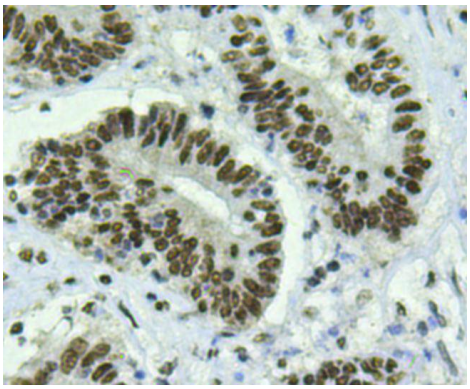
Images



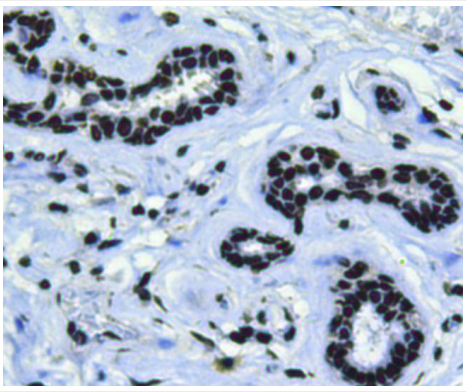
Western blot analysis of Bmi1 on different lysates using anti-Bmi1 antibody at 1/1,000 dilution. Positive control:
Lane 1: 293T Lane 2: Jurkat Lane 3: Hela
Lane 4: MCF-7 Lane 5: HepG2 Lane 6: NIH/3T3
Lane 7: PC12 Lane 8: Mouse kidney Lane 9: Human kidney Lane 10: K562 Lane 11: Human brain



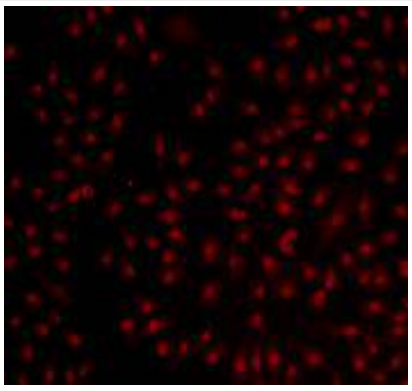
Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-Bmi1 antibody. Counter stained with hematoxylin.



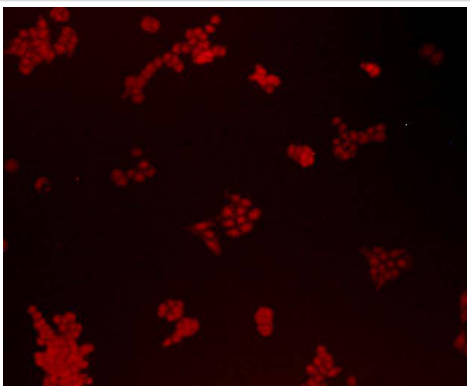
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-Bmi1 antibody. Counter stained with hematoxylin.



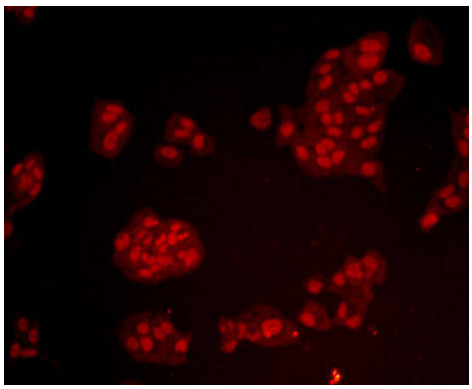
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using anti-BMI1 antibody. Counter stained with hematoxylin.



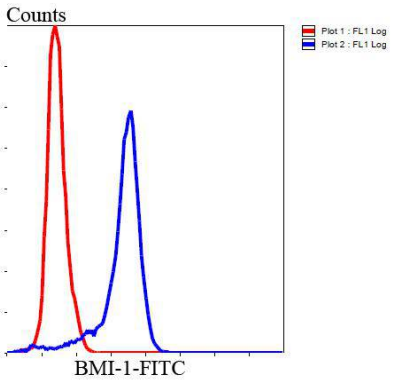
ICC staining Bmi1 in A549 cells (red). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



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



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



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.

Background

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.

References

Note: This product is for in vitro research use only