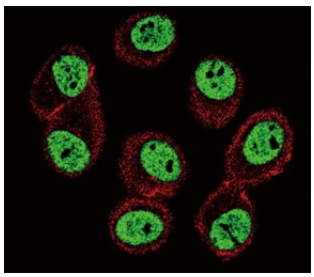
BMI1 Antibody (F51332)

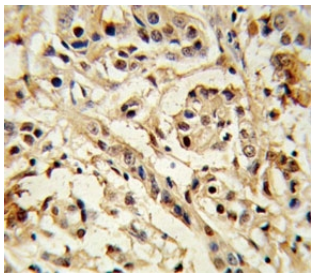
Catalog No.	Formulation	Size
F51332-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F51332-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

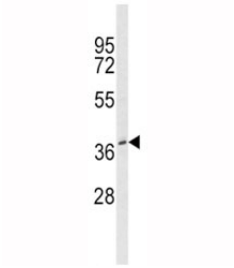
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P35226
Applications	Western blot: 1:1000 IHC (Paraffin): 1:10-1:50 Immunofluorescence: 1:10-1:50 Flow Cytometry: 1:10-1:50
Limitations	This BMI1 antibody is available for research use only.



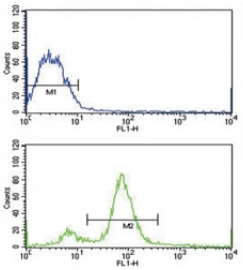
BMI1 Antibody MCF7 Cell IF. Confocal immunofluorescent analysis of BMI1 antibody with MCF-7 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit lgG (green). Actin filaments have been labeled with Alexa Fluor 555 Phalloidin (red).



BMI1 Antibody Breast Carcinoma IHC. Immunohistochemistry analysis of FFPE human breast carcinoma stained with BMI1 antibody.



Western blot analysis of BMI1 antibody and MCF7 lysate. Predicted molecular weight: 37-43 kDa.



BMI1 antibody flow cytometric analysis of MCF-7 cells (bottom histogram) compared to a negative control (top histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

Component of the Polycomb group (PcG) multiprotein PRC1 complex, a complex required to maintain the transcriptionally repressive state of many genes, including Hox genes, throughout development. PcG PRC1 complex acts via chromatin remodeling and modification of histones; it mediates monoubiquitination of histone H2A 'Lys-119', rendering chromatin heritably changed in its expressibility. In the PRC1 complex, it is required to stimulate the E3 ubiquitin-protein ligase activity of RNF2/RING2. [UniProt]

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

Titration of the BMI1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This BMI1 antibody was produced from rabbits immunized with BMI1 recombinant protein.

Storage

Aliquot the BMI1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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