

For Research Use Only

BMI1 Recombinant monoclonal antibody

Catalog Number: 87836-1-RR



Basic Information

Catalog Number: 87836-1-RR	GenBank Accession Number: BC011652	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 648	CloneNo.: 253339C8
Isotype: IgG	UNIPROT ID: P35226	Recommended Dilutions: WB: 1:5000-1:50000
Immunogen Catalog Number: AG1286	Full Name: BMI1 polycomb ring finger oncogene	
	Calculated MW: 37 kDa	
	Observed MW: 41-43 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : HeLa cells, HEK-293 cells, K-562 cells, A549 cells, SW480 cells, Calu-1 cells, NIH/3T3 cells, PC-12 cells

Background Information

BMI-1 is one of polycomb group genes, which together with Ring1 strongly enhances the E3 ubiquitin ligase activity of the Ring2 catalytic subunit. Bmi1 plays an important role in the regulation of cell proliferation and senescence through repression of the p16Ink4a and p19Arf genes and is required for maintenance of adult hematopoietic and neural stem cells. The antibody 10832-1-AP detected proteins of 45-48kda, which may include phosphorylated isoforms of the protein.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

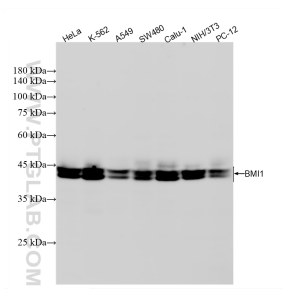
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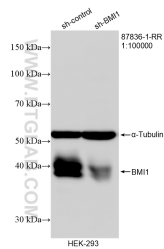
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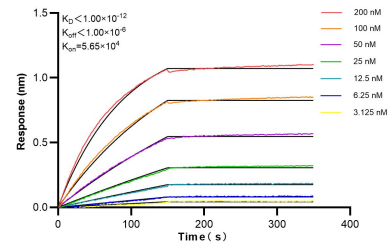
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87836-1-RR (BMI 1 antibody) at dilution of 1:30000 incubated at room temperature for 1.5 hours.



WB result of BMI 1 antibody (87836-1-RR; 1:100000; incubated at room temperature for 1.5 hours) with sh-Control and sh-BMI 1 transfected HEK-293 cells.



Biolayer interferometry (BLI) kinetic assays of 87836-1-RR against Human BMI 1 were performed. The affinity constant is below 1 pM.