

For Research Use Only

BMI1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87836-1-PBS



Basic Information

Catalog Number:

87836-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1286

GenBank Accession Number:

BC011652

GeneID (NCBI):

648

UNIPROT ID:

P35226

Full Name:

BMI1 polycomb ring finger oncogene

Calculated MW:

37 kDa

Observed MW:

41-43 kDa

Purification Method:

Protein A purification

CloneNo.:

253339C8

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

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 -80°C.

Storage Buffer:

PBS only, pH7.3

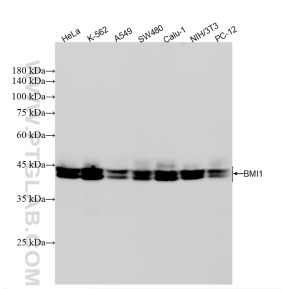
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

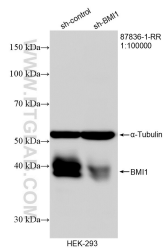
E: proteintech@ptglab.com
W: ptglab.com

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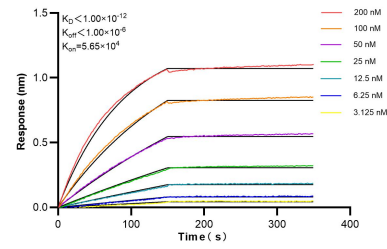
Selected Validation Data



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. This data was developed using the same antibody clone with 87836-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 87836-1-PBS in a different storage buffer formulation.



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