

For Research Use Only

BMX Recombinant monoclonal antibody, PBS Only

Catalog Number: 87023-4-PBS



Basic Information

Catalog Number: 87023-4-PBS	GenBank Accession Number: BC016652	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 660	CloneNo.: 252193D4
Source: Rabbit	UNIPROT ID: P51813	
Isotype: IgG	Full Name: BMX non-receptor tyrosine kinase	
Immunogen Catalog Number: AG26407	Calculated MW: 675 aa, 78 kDa	
	Observed MW: 75 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

BMX (Bone marrow kinase on chromosome X) is a cytosolic tyrosine kinase and a member of the TEC kinase family. BMX is expressed in hematopoietic cells of the myeloid lineage where it participates in the immune response. Moreover, BMX is expressed in several types of cancers and very recently has been shown to mediate the survival and tumorigenicity of glioblastoma cancer stem cells (PMID: 22449076).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

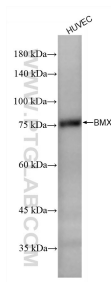
For technical support and original validation data for this product please contact:

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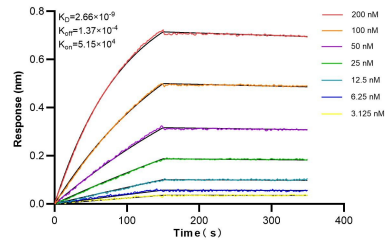
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



HUVEC cells were subjected to SDS PAGE followed by western blot with 87023-4-RR (BMX antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87023-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 87023-4-RR against Human BMX were performed. The affinity constant is 2.66 nM.