

For Research Use Only

BMX Recombinant monoclonal antibody

Catalog Number: 87023-4-RR



Basic Information

Catalog Number: 87023-4-RR	GenBank Accession Number: BC016652	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 660	CloneNo.: 252193D4
Source: Rabbit	UNIPROT ID: P51813	Recommended Dilutions: WB: 1:2000-1:10000
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, ELISA	Positive Controls: WB : HUVEC cells,
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

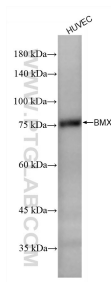
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

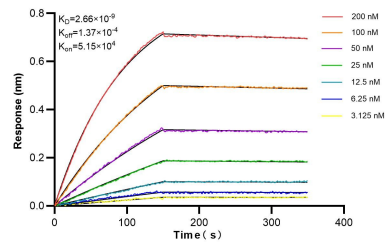
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



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.



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