

For Research Use Only

BEND3 Recombinant monoclonal antibody

Catalog Number:87001-4-RR



Basic Information

Catalog Number: 87001-4-RR	GenBank Accession Number: BC131628	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 57673	CloneNo.: 252025C12
Source: Rabbit	UNIPROT ID: Q5T5X7	Recommended Dilutions: WB: 1:1000-1:10000
Isotype: IgG	Full Name: BEN domain containing 3	
Immunogen Catalog Number: AG19137	Calculated MW: 828 aa, 94 kDa	
	Observed MW: 94-110 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, L02 cells, HEK-293 cells, HepG2 cells, U2OS cells, mouse embryo
Species Specificity: human, mouse	

Background Information

BEND3 is a quadruple BEN domain-containing protein that associates with heterochromatin and functions as a transcriptional repressor. BEND3 is highly expressed in pluripotent cells, and the induction of differentiation results in the down-regulation of BEND3. (PMID: 35217604, PMID: 25600804)

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

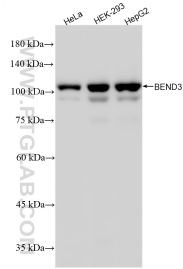
For technical support and original validation data for this product please contact:

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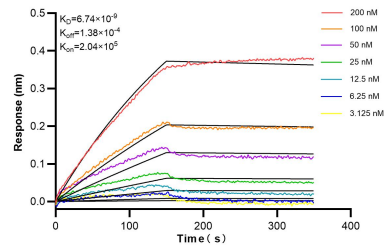
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87001-4-RR (BEND3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 87001-4-RR against Human BEND3 were performed. The affinity constant is 6.74 nM.