

For Research Use Only

BEND3 Recombinant monoclonal antibody, PBS Only

Catalog Number:87001-4-PBS



Basic Information

Catalog Number: 87001-4-PBS	GenBank Accession Number: BC131628	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 57673	CloneNo.: 252025C12
Isotype: IgG	UNIPROT ID: Q5T5X7	
Immunogen Catalog Number: AG19137	Full Name: BEN domain containing 3	
	Calculated MW: 828 aa, 94 kDa	
	Observed MW: 94-110 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

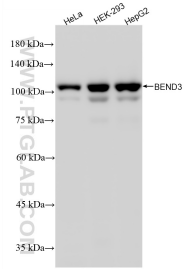
T: 4006900926

E: Proteintech-CN@ptglab.com

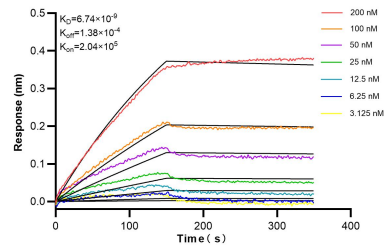
W: ptgcn.com

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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. This data was developed using the same antibody clone with 87001-4-PBS in a different storage buffer formulation.



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