

For Research Use Only

# BEND3 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87001-4-PBS



## Basic Information

<b>Catalog Number:</b> 87001-4-PBS	<b>GenBank Accession Number:</b> BC131628	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 57673	<b>CloneNo.:</b> 252025C12
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q5T5X7	
<b>Isotype:</b> IgG	<b>Full Name:</b> BEN domain containing 3	
<b>Immunogen Catalog Number:</b> AG19137	<b>Calculated MW:</b> 828 aa, 94 kDa	
	<b>Observed MW:</b> 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.

**Storage Buffer:**  
PBS only, pH7.3

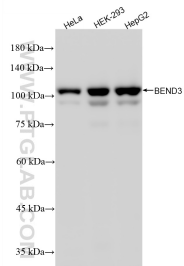
For technical support and original validation data for this product please contact:

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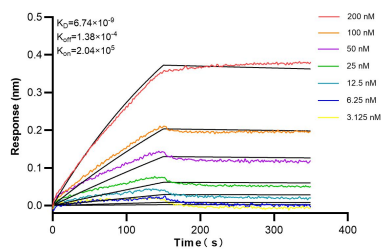
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## Selected Validation Data



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.