

For Research Use Only

# TEAD4 Recombinant antibody

Catalog Number: 84932-4-RR



## Basic Information

<b>Catalog Number:</b> 84932-4-RR	<b>GenBank Accession Number:</b> BC015497	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 7004	<b>CloneNo.:</b> 242496B2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q15561	<b>Recommended Dilutions:</b> WB 1:1000-1:4000 IF/ICC 1:250-1:1000
<b>Isotype:</b> IgG	<b>Full Name:</b> TEA domain family member 4	
<b>Immunogen Catalog Number:</b> AG3059	<b>Calculated MW:</b> 434 aa, 48 kDa	
	<b>Observed MW:</b> 50-55 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> MDA-MB-231 cells, BGC-823 cells <b>IF/ICC :</b> HeLa cells,

## Background Information

TEAD4 belongs to a protein family that shares the TEA/ATTS domain. The transcriptional activity of TEAD4 required several regions of the proteins, a TBP-associated factor, and a limiting transcriptional intermediary factor. TEAD4 also performs an essential role in the Hippo signaling pathway. TEAD4 regulates gene expression of YAP1 and WWTR1/TAZ, thus mediating cell proliferation, migration, and epithelial-mesenchymal transition induction. The calculated molecular weight of TEAD4 is 48 kDa, but the molecular weight of TEAD4 is detected at about 50-55 kDa.

## Storage

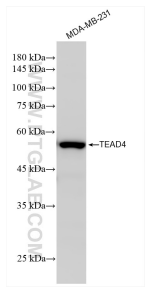
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

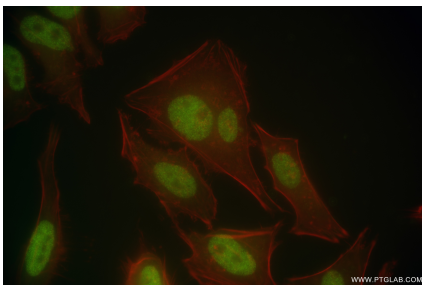
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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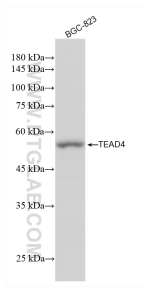
## Selected Validation Data



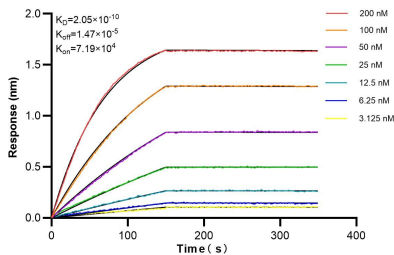
MDA-MB-231 cells were subjected to SDS PAGE followed by western blot with 84932-4-RR (TEAD4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using TEAD4 antibody (84932-4-RR, Clone: 242496B2 ) at dilution of 1:500 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



BGC-823 cells were subjected to SDS PAGE followed by western blot with 84932-4-RR (TEAD4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84932-4-RR against Human TEAD4 were performed. The affinity constant is 0.205 nM.