

For Research Use Only

# TBCD Recombinant antibody

Catalog Number:82911-7-RR



## Basic Information

<b>Catalog Number:</b> 82911-7-RR	<b>GenBank Accession Number:</b> BC003094	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 ug/ml	<b>GeneID (NCBI):</b> 6904	<b>CloneNo.:</b> 230209F3
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9BTW9	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IF/ICC 1:500-1:2000
<b>Isotype:</b> IgG	<b>Full Name:</b> tubulin folding cofactor D	
<b>Immunogen Catalog Number:</b> AG6310	<b>Calculated MW:</b> 133 kDa	
	<b>Observed MW:</b> 130 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, FC (Intra), ELISA	<b>Positive Controls:</b> WB : MCF-7 cells, HeLa cells, HepG2 cells
<b>Species Specificity:</b> human	<b>IF/ICC :</b> HepG2 cells,

## Background Information

### 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

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

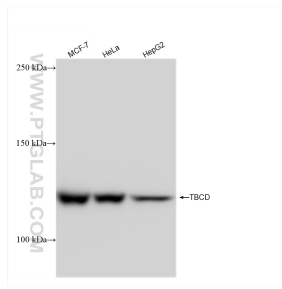
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

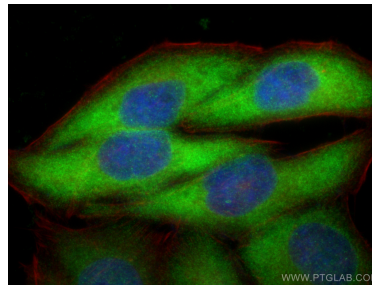
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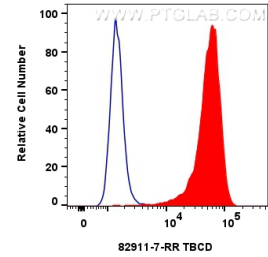
## Selected Validation Data



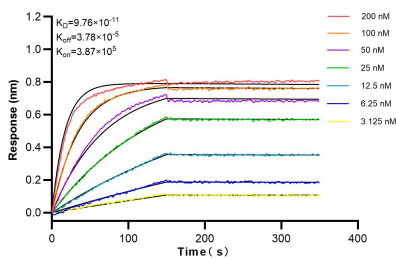
Various lysates were subjected to SDS PAGE followed by western blot with 82911-7-RR (TBCD antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using TBCD antibody (82911-7-RR, Clone: 230209F3) at dilution of 1:1000 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



$1 \times 10^6$  MCF-7 cells were intracellularly stained with 0.25 ug TBCD Recombinant antibody (82911-7-RR, Clone:230209F3) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Bi-layer interferometry (BLI) kinetic assays of 82911-7-RR against Human TBCD were performed. The affinity constant is 97.6 pM.