

For Research Use Only

# TBCD Recombinant monoclonal antibody

Catalog Number: 82911-7-RR



## Basic Information

Catalog Number:

82911-7-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6310

GenBank Accession Number:

BC003094

GeneID (NCBI):

6904

UNIPROT ID:

Q9BTW9

Full Name:

tubulin folding cofactor D

Calculated MW:

133 kDa

Observed MW:

130 kDa

Purification Method:

Protein A purification

CloneNo.:

230209F3

Recommended Dilutions:

WB: 1:5000-1:50000

IF/ICC: 1:500-1:2000

FC (Intra): 0.25 ug per 10<sup>6</sup> cells in a 100 µl suspension

## Applications

Tested Applications:

WB, IF/ICC, FC (Intra), ELISA

Species Specificity:

human

Positive Controls:

WB : MCF-7 cells, HeLa cells, HepG2 cells

IF/ICC : HepG2 cells,

FC (Intra) : MCF-7 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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

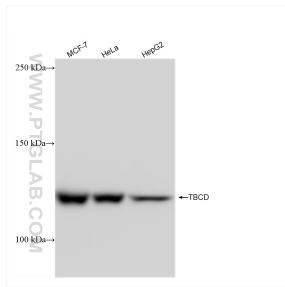
T: 4006900926

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

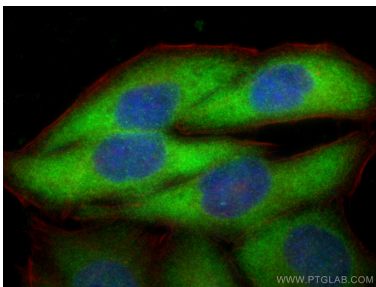
W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

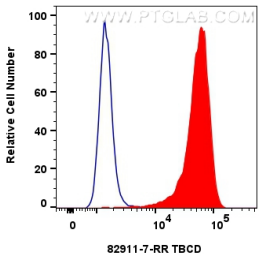
## Selected Validation Data



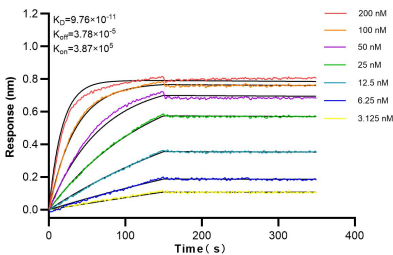
Various lysates were subjected to SDS PAGE followed by western blot with 82911-7-RR (TBCD antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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).



1x10<sup>6</sup> 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.



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