

For Research Use Only

TBCD Recombinant antibody

Catalog Number: 82911-1-RR

Featured Product



Basic Information

Catalog Number:

82911-1-RR

Size:

300 ug/ml

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.:

230209H7

Recommended Dilutions:

WB 1:500-1:3000

IF/ICC 1:50-1:500

Applications

Tested Applications:

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

Species Specificity:

human

Positive Controls:

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

IF/ICC : 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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

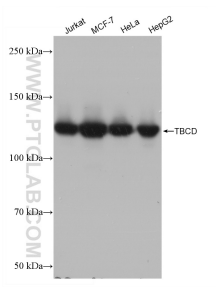
T: 4006900926

E: Proteintech-CN@ptglab.com

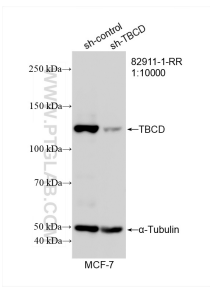
W: ptgcn.com

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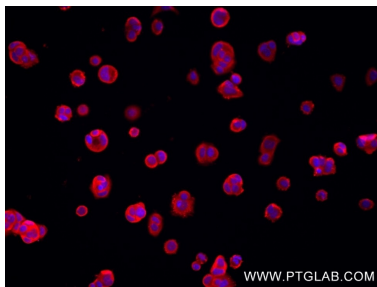
Selected Validation Data



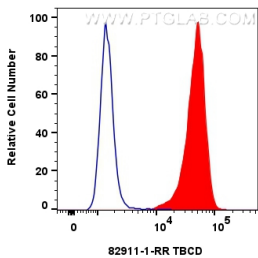
Various lysates were subjected to SDS PAGE followed by western blot with 82911-1-RR (TBCD antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



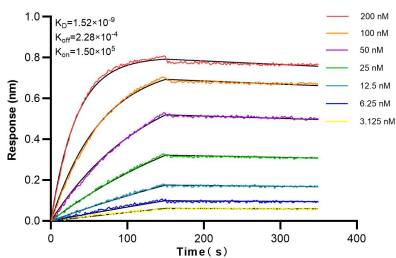
WB result of TBCD antibody (82911-1-RR; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-TBCD transfected MCF-7 cells.



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using TBCD antibody (82911-1-RR, Clone: 230209H7) at dilution of 1:150 and Multi-rAb CoraLite® Plus 594-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM004).



1x10⁶ MCF-7 cells were intracellularly stained with 0.25 ug TBCD Recombinant antibody (82911-1-RR, Clone:230209H7) 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).



Biolayer interferometry (BLI) kinetic assays of 82911-1-RR against Human TBCD were performed. The affinity constant is 1.52 nM.