

For Research Use Only

WWTR1/TAZ Recombinant monoclonal antibody, PBS Only

Catalog Number: 85245-5-PBS



Basic Information

Catalog Number:

85245-5-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG6470

GenBank Accession Number:

NM_001168278.2

GeneID (NCBI):

25937

UNIPROT ID:

Q9GZV5

Full Name:

WW domain containing transcription regulator 1

Calculated MW:

44 kDa

Observed MW:

50 kDa

Purification Method:

Protein A purification

CloneNo.:

252185D12

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human

Background Information

TAZ, also referred as WWTR1, is a transcriptional co-activator with a PDZ-binding motif that is regulated by its interaction with 14-3-3 protein. TAZ is expressed in many primary tumors, such as breast cancer, thyroid carcinoma, colorectal cancer, and glioma (PMID: 22003437, PMID: 27764783). TAZ has been reported to be one of the nuclear effectors of Hippo-related pathways that regulate organ size control, cancer stem cell (CSC) properties, and epithelial-mesenchymal transition (EMT). TAZ has been defined for its role in the nucleus, where it functions directly as a transcriptional regulator by interacting with several nuclear factors as Runx2/Cbfa1, NHERF-2, TEF-1, TBX5, PAX3, PAX8 and TTF-1.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

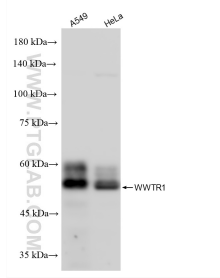
T: 4006900926

E: Proteintech-CN@ptglab.com

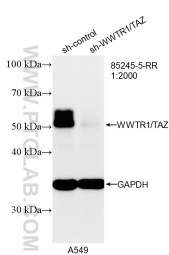
W: ptgcn.com

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

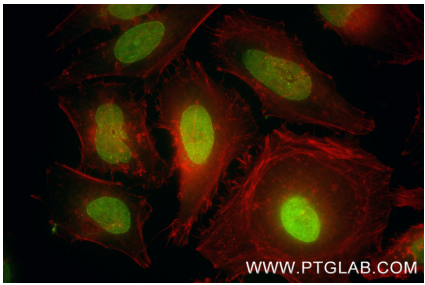
Selected Validation Data



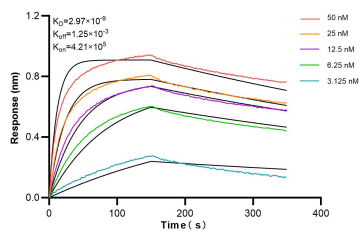
Various lysates were subjected to SDS PAGE followed by western blot with 85245-5-RR (WWTR1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85245-5-PBS in a different storage buffer formulation.



WB result of WWTR1/TAZ antibody (85245-5-RR; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-WWTR1/TAZ transfected A549 cells. This data was developed using the same antibody clone with 85245-5-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using WWTR1/TAZ antibody (85245-5-RR, Clone: 252185D12) at dilution of 1:800 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 85245-5-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85245-5-RR against Human WWTR1/TAZ were performed. The affinity constant is 2.97 nM.