

For Research Use Only

WWTR1/TAZ Recombinant monoclonal antibody

Catalog Number: 85245-5-RR



Basic Information

Catalog Number: 85245-5-RR	GenBank Accession Number: NM_001168278.2	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 25937	CloneNo.: 252185D12
Isotype: IgG	UNIPROT ID: Q9GZV5	Recommended Dilutions: WB: 1:1000-1:6000 IF/ICC: 1:400-1:1600
Immunogen Catalog Number: EG6470	Full Name: WW domain containing transcription regulator 1	
	Calculated MW: 44 kDa	
	Observed MW: 50 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : A549 cells, HeLa cells IF/ICC : HeLa cells,

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 -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:

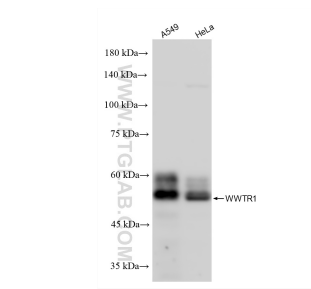
T: 4006900926

E: Proteintech-CN@ptglab.com

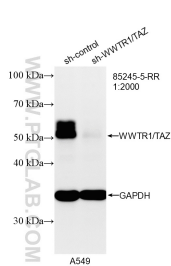
W: ptgcn.com

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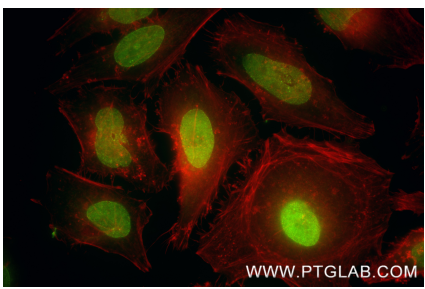
Selected Validation Data



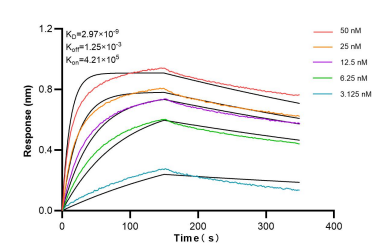
Various lysates were subjected to SDS PAGE followed by western blot with 85245-5-RR (WWTR1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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.



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).



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