

WWTR1/TAZ Recombinant monoclonal antibody

Catalog Number: 85245-6-RR

Basic Information

Catalog Number:

85245-6-RR

Size:

100ul , Concentration: 1000 µg/ml by Nanodrop;

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.:

252185E1

Recommended Dilutions:

WB: 1:1000-1:6000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, HepG2 cells, A549 cells, LN-229 cells, MDA-MB-453 cells, NIH/3T3 cells, HSC-T6 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

*** 20ul sizes contain 0.1% BSA

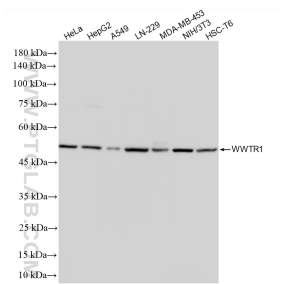
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

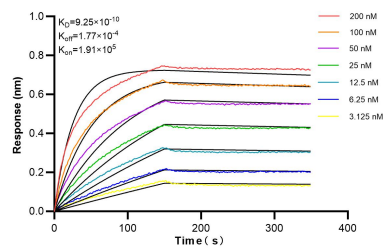
E: proteintech@ptglab.com
W: ptglab.com

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 85245-6-RR (WWTR1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 85245-6-RR against Human WWTR1/TAZ were performed. The affinity constant is 0.925 nM.