

For Research Use Only

CoraLite® Plus 488-conjugated WWTR1 Monoclonal antibody



Catalog Number: CL488-66500

Featured Product

Basic Information

Catalog Number: CL488-66500	GenBank Accession Number: BC014052	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 25937	CloneNo.: 2A12A10
Source: Mouse	Full Name: WW domain containing transcription regulator 1	Recommended Dilutions: WB 1:500-1:2000 IF 1:50-1:500
Isotype: IgG1	Calculated MW: 44 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG13330	Observed MW: 55 kDa	

Applications

Tested Applications:

IF, WB

Species Specificity:

Human, rat, mouse

Positive Controls:

WB : A549 cells, HeLa cells, HepG2 cells, MDA-MB-231 cells

IF : human liver cancer tissue,

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. 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. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

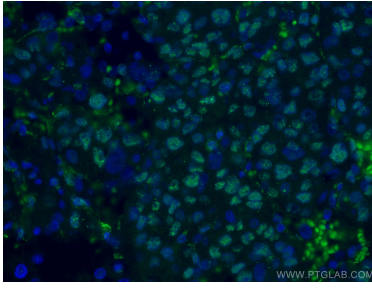
For technical support and original validation data for this product please contact:

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

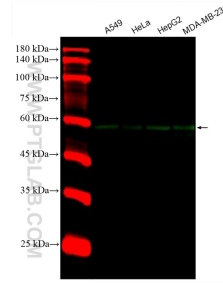
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human liver cancer tissue using CoraLite® Plus 488 TAZ antibody (CL488-66500, Clone: 2A12A10) at dilution of 1:200.



Various lysates were subjected to SDS PAGE followed by western blot with CL488-66500 (WWTR1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.