

For Research Use Only

WWTR1/TAZ Recombinant monoclonal antibody, PBS Only

Catalog Number: 85245-6-PBS



Basic Information

Catalog Number: 85245-6-PBS	GenBank Accession Number: NM_001168278.2	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 25937	CloneNo.: 252185E1
Source: Rabbit	UNIPROT ID: Q9GZV5	
Isotype: IgG	Full Name: WW domain containing transcription regulator 1	
Immunogen Catalog Number: EG6470	Calculated MW: 44 kDa	
	Observed MW: 50 kDa	

Applications

Tested Applications:
WB, 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

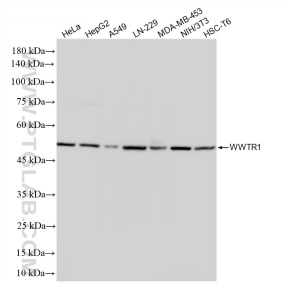
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

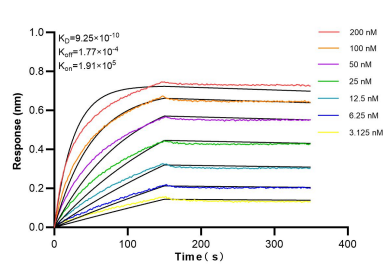
For technical support and original validation data for this product please contact:
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Selected Validation Data



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. This data was developed using the same antibody clone with 85245-6-PBS in a different storage buffer formulation.



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