

For Research Use Only

PPP6C Recombinant monoclonal antibody

Catalog Number: 87155-1-RR



Basic Information

Catalog Number: 87155-1-RR	GenBank Accession Number: BC006990	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 5537	CloneNo.: 252251E9
Source: Rabbit	UNIPROT ID: O00743	Recommended Dilutions: WB: 1:1000-1:4000
Isotype: IgG	Full Name: protein phosphatase 6, catalytic subunit	
Immunogen Catalog Number: AG8554	Calculated MW: 305 aa, 35 kDa	
	Observed MW: 30-35 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, HepG2 cells, HEK-293T cells, Jurkat cells, NIH/3T3 cells, mouse testis tissue, rat testis tissue
Species Specificity: human, mouse, rat	

Background Information

PPP6C (Protein Phosphatase 6 Catalytic Subunit or simply PP6) is a highly conserved serine/threonine phosphatase belonging to the PP2A-like subfamily. This enzyme complex plays critical roles in a wide array of fundamental cellular processes, including cell cycle progression, DNA damage response, NF-κB signaling, and microtubule organization. PPP6C mutations are found across multiple cancer types but are most common in melanoma and other skin cancers (PMID: 33789117).

Storage

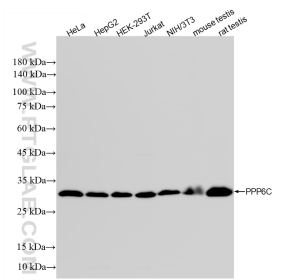
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

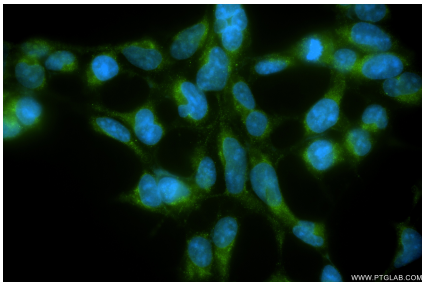
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

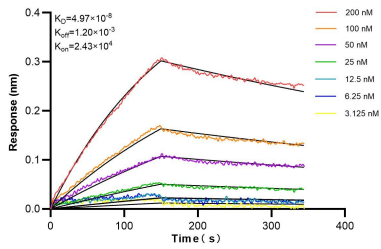
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87155-1-RR (PPP6C antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed HEK-293 cells using PPP6C antibody (87155-1-RR, Clone: 252251E9) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 87155-1-RR against Human PPP6C were performed. The affinity constant is 49.7 nM.