

For Research Use Only

PPP6C Recombinant monoclonal antibody, PBS Only

Catalog Number: 87155-1-PBS



Basic Information

Catalog Number: 87155-1-PBS	GenBank Accession Number: BC006990	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 5537	CloneNo.: 252251E9
Source: Rabbit	UNIPROT ID: O00743	
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, Indirect ELISA

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- κ B 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

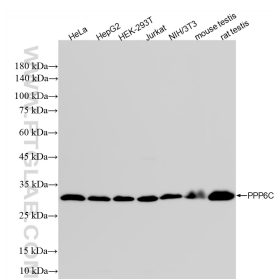
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

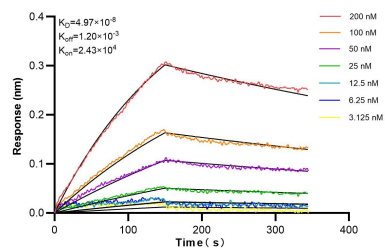
For technical support and original validation data for this product please contact:
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E: proteintech@ptglab.com
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Selected Validation Data



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. This data was developed using the same antibody clone with 87155-1-PBS in a different storage buffer formulation.



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