

For Research Use Only

PPP1CC Monoclonal antibody, PBS Only



Catalog Number: 68122-1-PBS

Basic Information

Catalog Number: 68122-1-PBS	GenBank Accession Number: BC014073	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 5501	CloneNo.: 2G11C3
Source: Mouse	UNIPROT ID: P36873	
Isotype: IgG1	Full Name: protein phosphatase 1, catalytic subunit, gamma isoform	
Immunogen Catalog Number: AG32348	Calculated MW: 35 kDa	
	Observed MW: 35 kDa	

Applications

Tested Applications:
WB, IF, Indirect ELISA

Species Specificity:
Human, mouse, rat

Background Information

PPP1CC, also named as PP-1G, belongs to the PPP phosphatase family and PP-1 subfamily. Protein phosphatase 1 (PP1) is essential for cell division, and participates in the regulation of glycogen metabolism, muscle contractility and protein synthesis. It is involved in regulation of ionic conductances and long-term synaptic plasticity. PPP1CC may play an important role in dephosphorylating substrates such as the postsynaptic density-associated Ca²⁺/calmodulin dependent protein kinase II.

Storage

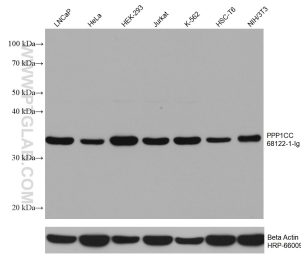
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

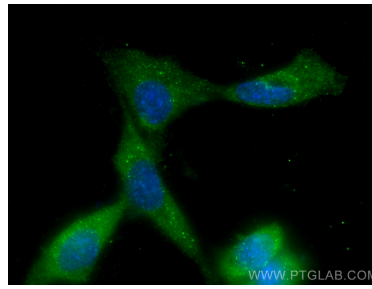
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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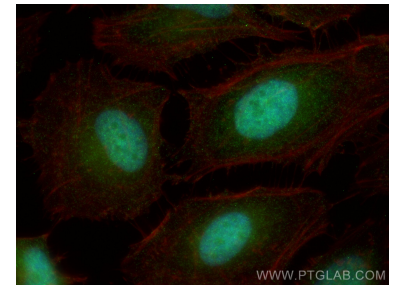
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68122-1-ig (PPP1CC antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control. This data was developed using the same antibody clone with 68122-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed C2C12 cells using PPP1CC antibody (68122-1-ig, Clone: 2G11C3) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 68122-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using PPP1CC antibody (68122-1-ig, Clone: 2G11C3) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 68122-1-PBS in a different storage buffer formulation.