

For Research Use Only

PPP2CA Recombinant antibody

Catalog Number: 84155-6-RR



Basic Information

Catalog Number: 84155-6-RR	GenBank Accession Number: BC031696	Purification Method: Protein A purification
Size: 100ul , Concentration: 400 µg/ml by Nanodrop;	GeneID (NCBI): 5515	CloneNo.: 241112F3
Source: Rabbit	UNIPROT ID: P67775	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: protein phosphatase 2 (formerly 2A), catalytic subunit, alpha isoform	
Immunogen Catalog Number: AG4294	Calculated MW: 309 aa, 36 kDa	

Applications

Tested Applications: IF/ICC, FC (Intra), ELISA	Positive Controls: IF/ICC : MCF-7 cells,
Species Specificity: human	

Background Information

PPP2CA, also named as RP-C and PP2A-alpha, belongs to the PPP phosphatase family and PP-1 subfamily. PP2A can modulate the activity of phosphorylase B kinase casein kinase 2, mitogen-stimulated S6 kinase, and MAP-2 kinase. PP2A activity was modestly decreased in AML patients harboring C-KIT/WT. PP2A is a target for C-KIT/TKD and implicated the potential efficacy of therapies targeting PP2A in such AML in future.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

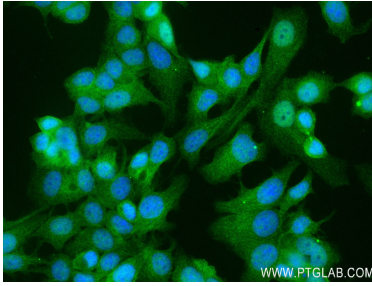
For technical support and original validation data for this product please contact:

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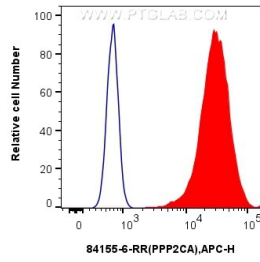
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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using PPP2CA antibody (84155-6-RR, Clone: 241112F3) at dilution of 1:100 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



1x10⁶ HeLa cells were intracellularly stained with 0.25 ug PPP2CA Recombinant antibody (84155-6-RR, Clone:241112F3) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).