

For Research Use Only

Pericentrin Monoclonal antibody, PBS Only

Catalog Number: 60919-1-PBS



Basic Information

Catalog Number:

60919-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Mouse

Isotype:

IgM

Immunogen Catalog Number:

AG27248

GenBank Accession Number:

AK093923

GeneID (NCBI):

5116

UNIPROT ID:

O95613

Full Name:

pericentrin

Calculated MW:

378 kDa

Purification Method:

Caprylic acid/ammonium sulfate precipitation

CloneNo.:

1G6F11

Applications

Tested Applications:

IF/ICC, FC (Intra), Indirect ELISA

Species Specificity:

human

Background Information

Pericentrin (PCNT) is a large, highly conserved centrosomal protein essential for organizing the pericentriolar material (PCM)-the matrix surrounding the centrioles that nucleates and anchors microtubules. It acts as a scaffold that recruits and positions key regulatory complexes, including γ -tubulin ring complexes (γ -TuRCs), protein kinase A (PKA) and dynein, thereby orchestrating microtubule nucleation, spindle assembly and centrosome maturation throughout the cell cycle

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

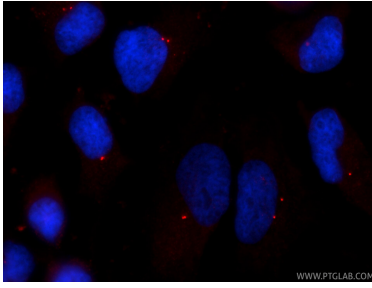
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

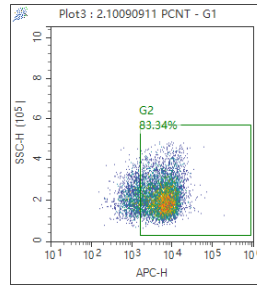
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using Pericentrin antibody (60919-1-Ig, Clone: 1G6F11) at dilution of 1:4000 and CoraLite®594-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-3). This data was developed using the same antibody clone with 60919-1-PBS in a different storage buffer formulation.



1x10⁶ HeLa cells were intracellularly stained with 0.2 µg Pericentrin Monoclonal antibody (60919-1-Ig, Clone:1G6F11) and Multi-rAb CoraLite® Plus 647-Goat Anti-Mouse Recombinant Secondary Antibody (H+L)(RGAM005)(N/A), or 0.2 µg Mouse IgM Isotype Control (65243-1-Ig, Clone: MOPC-104E) (N/A). Cells were fixed with 4% PFA. This data was developed using the same antibody clone with 60919-1-PBS in a different storage buffer formulation.