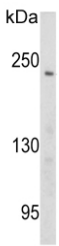
Pericentriolar material 1 protein Antibody / PCM1 (F54931)

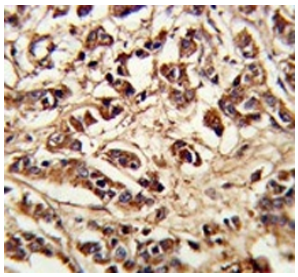
Catalog No.	Formulation	Size
F54931-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54931-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

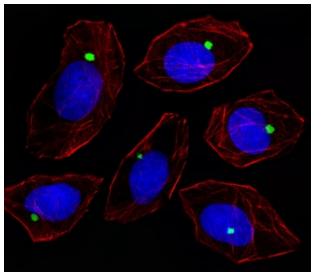
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q15154
Localization	Cytoplasmic, centrosome
Applications	Immunofluorescence : 1:10-1:50 Flow Cytometry : 1:10-1:50 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:50-1:100 Western Blot : 1:500-1:1000
Limitations	This Pericentriolar material 1 protein antibody is available for research use only.



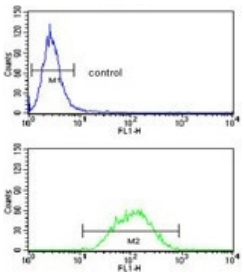
Western blot testing of human Ramos cell lysate with Pericentriolar material 1 protein antibody. Predicted molecular weight ~229 kDa.



IHC testing of FFPE human breast carcinoma tissue with Pericentriolar material 1 protein antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Immunofluorescent staining of fixed and permeabilized human A549 cells with Pericentriolar material 1 protein antibody (green), DAPI nuclear stain (blue) and anti-Actin (red).



Flow cytometry testing of human Ramos cells with Pericentriolar material 1 protein antibody; Blue=isotype control, Green= Pericentriolar material 1 protein antibody.

Description

PCM-1 is required for centrosome assembly and function. This protein is essential for the correct localization of several centrosomal proteins including CEP250, CETN3, PCNT and NEK2. The protein is required to anchor microtubules to the centrosome.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Pericentriolar material 1 protein antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 632-661 from the human protein was used as the immunogen for the Pericentriolar material 1 protein antibody.

Storage

Aliquot the Pericentriolar material 1 protein antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.