

Pericentrin Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human PCNT(Accession O95613), corresponding to amino acid residues L3269-G3319.
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20°C
RRID	AB_2900371

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-
Immunocytochemistry (ICC/IF)	1:100-1:500	-

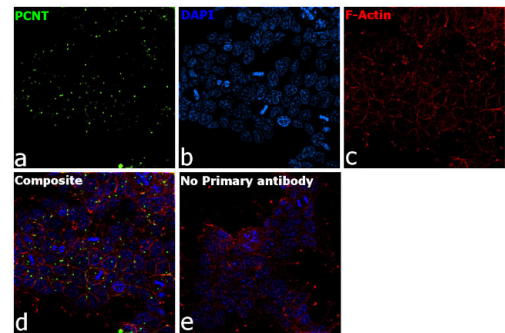
Product Specific Information

Antibody detects endogenous levels of total Pericentrin - Centrosome Marker.

Product Images For Pericentrin Polyclonal Antibody

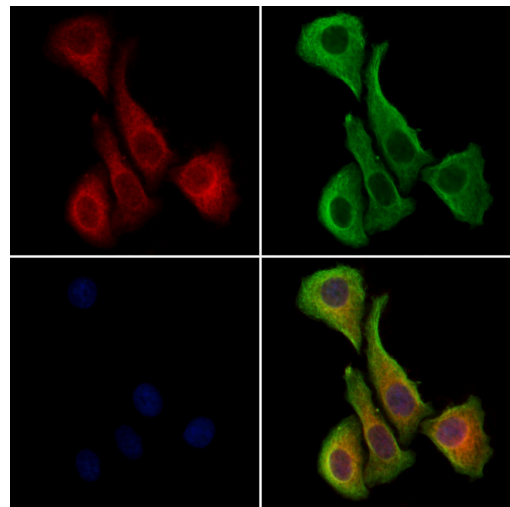
Pericentrin Antibody (PA5-115736) in ICC/IF

Immunofluorescence analysis of Pericentrin was performed using 70% confluent log phase HEK-293 cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 1 hour at room temperature. The cells were labeled with Pericentrin Polyclonal Antibody (Product # PA5-115736) at 1:100 in 0.1% BSA, incubated at 4 degree celsius overnight and then labeled with Donkey anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor™ Plus 488 (Product # A32790, 1:2,000), for 45 minutes at room temperature (Panel a: Green). Nuclei (Panel b:Blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: Red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing centrosome and cytosolic localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 40X magnification. Specific centrosome localization at different cell cycle phases were observed.



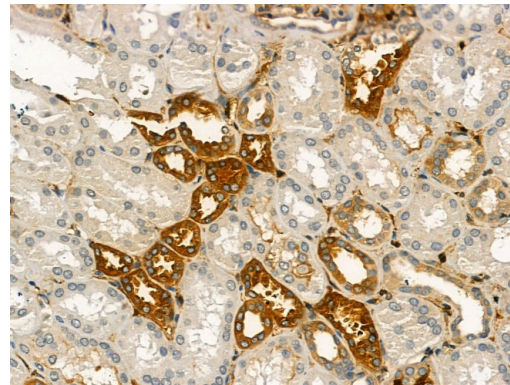
Pericentrin Antibody (PA5-115736) in ICC/IF

Immunocytochemistry analysis of Pericentrin in HeLa cells. Samples were treated with PFA, permeabilized in 0.1% Triton X-100, blocked in 10% serum (45 min at 25°C), and incubated with polyclonal antibody (Product # PA5-115736) at a dilution of 1:200 (1 hr at 37°C). Secondary staining was applied with mouse anti-beta tubulin; AlexaFluor 594 conjugated goat anti-rabbit IgG (Red); AlexaFluor 88 conjugated goat anti-mouse IgG (Green) and DAPI (blue) using a dilution of 1:200 (1 hr at 37°C).



Pericentrin Antibody (PA5-115736) in IHC (P)

Immunohistochemistry analysis of Pericentrin in human kidney cancer and adjacent normal tissues. Samples were treated with formaldehyde and treated with citrate buffer for antigen retrieval, blocked, and incubated (1.5 hours at 22° C) with polyclonal antibody (Product # PA5-115736) at a dilution of 1:100. Secondary staining was applied with HRP conjugated anti-Rabbit.



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