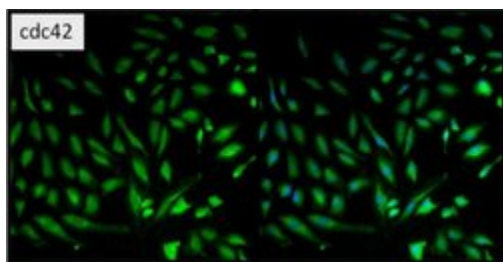


# Cdc42 Polyclonal Antibody

Product Details	
Size	100 µg
Species	Human, Mouse, Non-human primate, Rat
Published Species	Mouse, Human
Expression System	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	C-Terminal truncated human recombinant protein
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	PBS with 1mg/mL BSA, 30% glycerol
Contains	0.05% sodium azide
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2539858

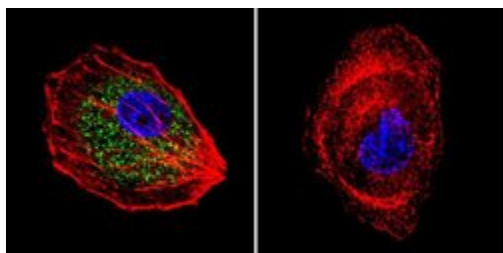
Applications	Tested Dilution	Publications
Immunocytochemistry (ICC)	1:100	1 Publication
Immunofluorescence (IF)	1:100	-
Immunohistochemistry (Paraffin) (IHC (P))	1:20	-
Western Blot (WB)	1:1000	4 Publications
Immunohistochemistry (IHC)	-	2 Publications
Miscellaneous PubMed (Misc)	-	1 Publication

## Product Images For Cdc42 Polyclonal Antibody



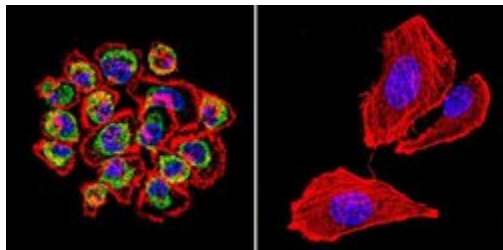
### Cdc42 Antibody (PA1-092) in IF

Immunofluorescent analysis of cdc42 (green) in HeLa cells. Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 5% normal goat serum (Product # 31873) for 15 minutes at room temperature. Cells were probed with a cdc42 polyclonal antibody (Product # PA1-092) at a dilution of 1:100 for at least 1 hour at room temperature, washed with PBS, and incubated with DyLight 488 goat anti-rabbit IgG secondary antibody (Product # 35552) at a dilution of 1:400 for 30 minutes at room temperature. Nuclei (blue) were stained with Hoechst 33342 dye (Product # 62249). Images were taken on a Thermo Scientific ArrayScan at 20X magnification.



### Cdc42 Antibody (PA1-092) in IF

Immunofluorescent analysis of cdc42 in HepG2 Cells. Cells were grown on chamber slides and fixed with formaldehyde prior to staining. Cells were probed without (control) or with a cdc42 polyclonal antibody (Product # PA1-092) at a dilution of 1:200 overnight at 4 C, washed with PBS and incubated with a DyLight-488 conjugated secondary antibody (Product # 35552). cdc42 staining (green), F-Actin staining with Phalloidin (red) and nuclei with DAPI (blue) is shown. Images were taken at 60X magnification.



### Cdc42 Antibody (PA1-092) in IF

Immunofluorescent analysis of cdc42 in A431 Cells. Cells were grown on chamber slides and fixed with formaldehyde prior to staining. Cells were probed without (control) or with a cdc42 polyclonal antibody (Product # PA1-092) at a dilution of 1:20 overnight at 4 C, washed with PBS and incubated with a DyLight-488 conjugated secondary antibody (Product # 35552). cdc42 staining (green), F-Actin staining with Phalloidin (red) and nuclei with DAPI (blue) is shown. Images were taken at 60X magnification.

[View more figures on thermofisher.com](https://www.thermofisher.com)

## 8 References

### Immunohistochemistry (2)

Molecular biology of the cell

#### Cdc42 negatively regulates endocytosis during apical membrane maintenance in live animals.

Authors: Shitara A, Malec L, Ebrahim S, Chen D, Bleck C, Hoffman MP, Weigert R

**Species**  
Mouse

**Dilution**  
1:50

**Year**  
2019

Breast cancer research and treatment

#### Phenotypic characterisation of breast cancer: the role of CDC42.

"PA1092 was used in immunohistochemistry - paraffin section and western blot to study the impact of cell division control 42 homolog on clinicopathological significance Luminal A subtype breast cancer"

Authors: Chrysanthou E, Gorringe KL, Joseph C, Craze M, Nolan CC, Diez-Rodriguez M, Green AR, Rakha EA, Ellis IO, Mukherjee A

**Species**  
Human

**Dilution**  
1:1000

**Year**  
2017

### Western Blot (4)

Breast cancer research and treatment

#### Phenotypic characterisation of breast cancer: the role of CDC42.

"PA1092 was used in immunohistochemistry - paraffin section and western blot to study the impact of cell division control 42 homolog on clinicopathological significance Luminal A subtype breast cancer"

Authors: Chrysanthou E, Gorringe KL, Joseph C, Craze M, Nolan CC, Diez-Rodriguez M, Green AR, Rakha EA, Ellis IO, Mukherjee A

**Species**  
Human

**Dilution**  
1:1000

**Year**  
2017

PloS one

#### Endocytic Pathways Used by Andes Virus to Enter Primary Human Lung Endothelial Cells.

"PA1092 was used in western blot to elucidate the role of endocytic pathways in Andes virus infection"

Authors: Chiang CF, Flint M, Lin JS, Spiropoulou CF

**Species**  
Human

**Dilution**  
1:1000

**Year**  
2017

[View more WB references on thermofisher.com](#)

### More applications with references on thermofisher.com

Misc (1) ICC (1)

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