

Vinculin Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein fragment corresponding to a region within amino acids 94 and 348 of Human Vinculin
Form	Liquid
Concentration	0.21 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol
Contains	0.025% Proclin 300
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2547162

Applications	Tested	Dilution	Published
Immunocytochemistry (ICC)	✓	1:100-1:1000	
Immunofluorescence (IF)	✓	1:100-1:1000	
Immunohistochemistry (Paraffin) (IHC (P))	✓	1:100-1:1000	
Western Blot (WB)	✓	1:500-1:3000	

Product Specific Information

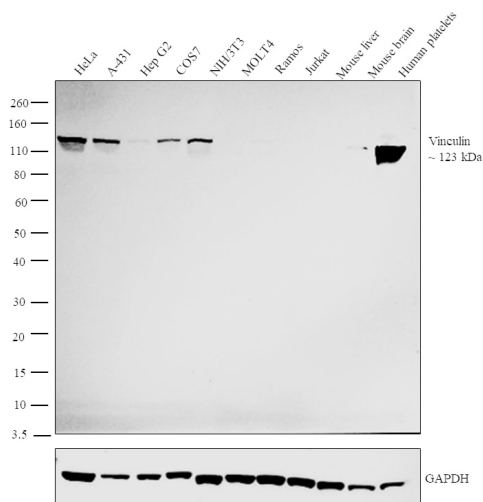
PA5-29688 targets Vinculin in IF, IHC (P), and WB applications and shows reactivity with Human and mouse samples.

The PA5-29688 immunogen is recombinant protein fragment corresponding to a region within amino acids 94 and 348 of Human Vinculin.

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial. For short-term storage (1-2 weeks), product can be stored at 4°C. For long-term storage, aliquot and store product at -20° C or below, avoiding multiple freeze-thaw cycles.

Vinculin Antibody (PA5-29688)

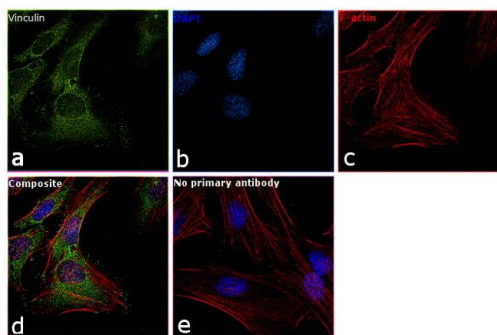
Antibody specificity was demonstrated by detection of differential basal expression of the target across cell lines owing to their inherent genetic constitution. Relative expression of Vinculin was observed in all cell lines and tissues tested using anti-Vinculin Polyclonal Antibody (Product # PA5-29688) in western blot. Relative expression validation info.



Product Images For Vinculin Polyclonal Antibody

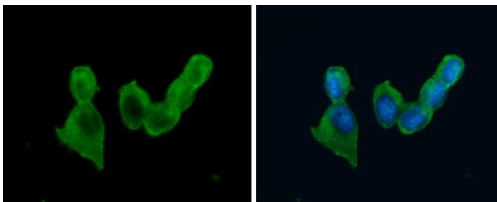
Vinculin Antibody (PA5-29688) in IF

Immunofluorescence analysis of Vinculin was performed using 70% confluent log phase HeLa cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, and blocked with 1% BSA for 1 hour at room temperature. The cells were labeled with Vinculin Polyclonal Antibody (Product # PA5-29688) at 1 µg/ml in 0.1% BSA and incubated overnight at 4 degree Celsius and then labeled with Goat anti-Rabbit IgG (H+L) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A27034) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing membranous and cytoplasmic localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



Vinculin Antibody (PA5-29688) in IF

Immunofluorescent analysis of Vinculin in MCF7 cells fixed in 4% paraformaldehyde at RT for 15 min, using a Vinculin polyclonal antibody (Product # PA5-29688). Green: Primary antibody at a dilution of 1:500. Blue: Hoechst 33342 staining.



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