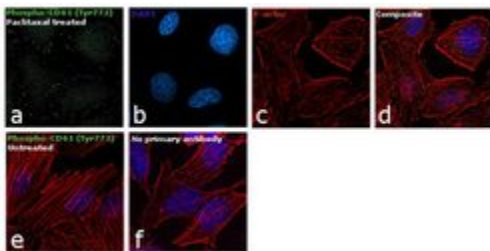


Phospho-CD61 (Tyr773) Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Cat, Human, Mouse
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	The antiserum was produced against a chemically synthesized phosphopeptide derived from the region of human Integrin b3 receptor that contains tyrosine 773 (based on Swiss Protein database, accession number P05106). The sequence is conserved in human, mouse and rat.
Form	Liquid
Purification	Antigen affinity chromatography
Storage buffer	Dulbecco's PBS, pH 7.3, with 50% glycerol, 1mg/mL BSA
Contains	0.05% sodium azide
Storage Conditions	-20°C
RRID	AB_2533784

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC)	1:250	-
Immunofluorescence (IF)	1:250	-
Western Blot (WB)	1:1000	4 Publications
Immunoprecipitation (IP)	-	1 Publication

Advanced Verification Data



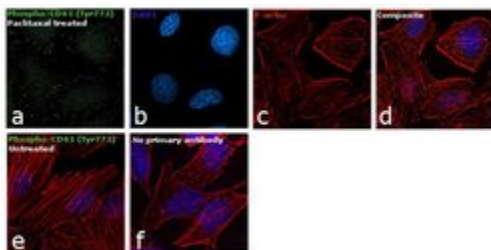
Phospho-CD61 (Tyr773) Antibody (44-876G)

Altered expression of target protein upon cell treatment demonstrates antibody specificity. Immunofluorescence analysis of Phospho-CD61 (Tyr773) using Anti-Phospho-CD61 (Tyr773) Rabbit Polyclonal Antibody (Product # 44-876G) shows induction of CD61 phosphorylation at Tyr773 residue in HeLa cell line upon Paclitaxel treatment. Cell treatment validation info.

Product Images For Phospho-CD61 (Tyr773) Polyclonal Antibody

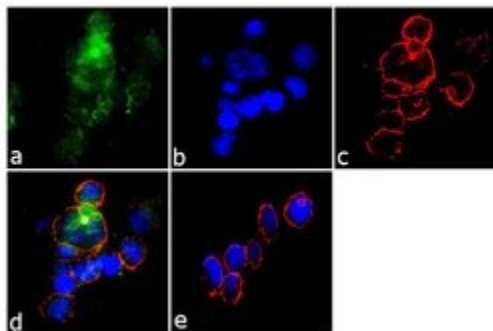
Phospho-CD61 (Tyr773) Antibody (44-876G) in IF

Immunofluorescence analysis of Phospho-CD61 (Tyr773) was performed using 70% confluent log phase HeLa cells treated with 1mM of Paclitaxel for 20 hours. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 1% BSA for 1 hour at room temperature. The cells were labeled with Phospho-CD61 (Tyr773) Rabbit Polyclonal Antibody (Product # 44-876G) at 1:250 dilution in 0.1% BSA, incubated at 4 degree Celsius overnight 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 focal adhesion and membrane localization. Panel e shows untreated cells with reduced cytoplasmic signal. Panel f represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



Phospho-CD61 (Tyr773) Antibody (44-876G) in IF

Immunofluorescence analysis of Phospho integrin beta 3 was performed using 70% confluent log phase THP-1 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 Phospho-Integrin beta-3 pTyr773 Rabbit Polyclonal Antibody (Product # 44-876G) at 1:250 dilution in 0.1% BSA and incubated for 3 hours at room temperature 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 Alexa Fluor® 555 Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing membranous localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



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

5 References

Western Blot (4)

PloS one

Src Family Kinases Modulate the Loss of Endothelial Barrier Function in Response to TNF-: Crosstalk with p38 Signaling.

"44-876G was used in western blot investigate the effects of TNF treatment and SFK activation using human dermal microvascular endothelial cells"

Authors: Adam AP,Lowery AM,Martino N,Alsaffar H,Vincent PA

Species
Human

Dilution
Not Cited

Year
2017

Blood

Antithrombotic effects of targeting alphallbbeta3 signaling in platelets.

"44-876G was used in western blot to characterize mice that lack the 3 C-terminal beta3 residues needed for alphallbbeta3 interaction with c-Src, but retain the beta3 residues needed for talin-dependent fibrinogen binding"

Authors: Ablooglu AJ,Kang J,Petrich BG,Ginsberg MH,Shattil SJ

Species
Mouse

Dilution
Not Cited

Year
2009

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

Immunoprecipitation (1)

Proceedings of the National Academy of Sciences of the United States of America

Eph kinases and ephrins support thrombus growth and stability by regulating integrin outside-in signaling in platelets.

Authors: Prévost N,Woulfe DS,Jiang H,Stalker TJ,Marchese P,Ruggeri ZM,Brass LF

Species
Human

Dilution
Not Cited

Year
2005

More applications with references on thermofisher.com

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