

HSP90 beta Polyclonal Antibody, Alexa Fluor™ 488

Product Details

Size	50 µL
Species Reactivity	Human, Mouse, Non-human primate, Rat
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Alexa Fluor™ 488
Excitation/Emission Max	499/520 nm
Immunogen	Synthetic peptide corresponding to residues P(2) E E V H H G E E E V E(13) of mouse HSP84
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.4, with 1mg/mL BSA
Contains	0.05% sodium azide
Storage conditions	4°C, store in dark, DO NOT FREEZE!
RRID	AB_2662793

Applications	Tested Dilution	Publications
Western Blot (WB)	-	2 Publications
Immunocytochemistry (ICC/IF)	1-10 µg/mL	-

Product Specific Information

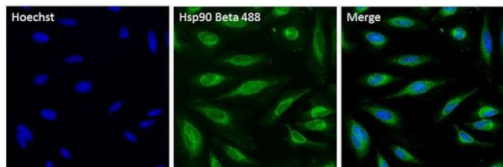
PA3012A488 detects heat shock protein 90 beta (HSP90) from human, monkey, mouse, and rat tissues and cells. This antibody does not detect HSP86.

The PA3012A488 immunogen is a synthetic peptide corresponding to residues P(2) E E V H H G E E E V E(13) of mouse HSP84. The N-terminal regions of HSP84 and HSP86 show the largest difference in amino acid sequence.

Product Images For HSP90 beta Polyclonal Antibody, Alexa Fluor™ 488

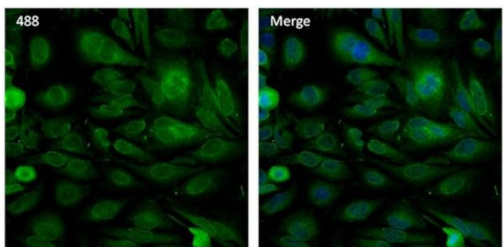
HSP90 beta Antibody (PA3-012-A488) in ICC/IF

Immunofluorescent analysis of Hsp90 Beta (green) in HeLa cells. The cells were fixed with 4% Paraformaldehyde in PBS for 15 minutes at room temperature, and blocked with 3% BSA in PBS (Product # 37525) for 30 minutes at room temperature. Cells were stained with a Hsp90 Beta Polyclonal Antibody, AlexaFluor 488 conjugate (Product # PA3-012-A488) at a dilution of 2.5 µg/mL in blocking buffer for 1 hour at room temperature protected from light. Nuclei (blue) were stained with Hoechst Dye (Product # 62249) at a dilution of 1:10,000 in blocking buffer. Images were taken on a Thermo Scientific ToxInsight Instrument at 20X magnification.



HSP90 beta Antibody (PA3-012-A488) in ICC/IF

Immunofluorescent analysis of Hsp90 Beta (green) in HeLa cells. The cells were fixed with 4% Paraformaldehyde in PBS for 15 minutes at room temperature, and blocked with 3% BSA in PBS (Product # 37525) for 30 minutes at room temperature. Cells were stained with a Hsp90 Beta Polyclonal Antibody, AlexaFluor 488 conjugate (Product # PA3-012-A488) at a dilution of 5 µg/mL in blocking buffer for 1 hour at room temperature protected from light. Nuclei (blue) were stained with Hoechst Dye (Product # 62249) at a dilution of 1:10,000 in blocking buffer. Images were taken on a Thermo Scientific ToxInsight Instrument at 20X magnification.



[View more figures on thermofisher.cn](http://thermofisher.cn)

2 References

Western Blot (2)

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

Heat shock protein 90 (HSP90), a substrate and chaperone of DNA-PK necessary for the apoptotic response.

"Published figure using HSP90 beta polyclonal antibody (Product # PA3-012-A488) in Western Blot"

Authors: Solier S, Kohn KW, Scroggins B, Xu W, Trepel J, Neckers L, Pommier Y

Year
2012

Species
Human

Journal of the National Cancer Institute

Effect of the secretory small GTPase Rab27B on breast cancer growth, invasion, and metastasis.

"Published figure using HSP90 beta polyclonal antibody (Product # PA3-012-A488) in Western Blot"

Authors: Hendrix A, Maynard D, Pauwels P, Braems G, Denys H, Van den Broecke R, Lambert J, Van Belle S, Cocquyt V, Gespach C, Bracke M, Seabra MC, Gahl WA, De Wever O, Westbroek W

Year
2010

Species
Human

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