

Product Datasheet

HSP90 Antibody (3B6) NB120-5455

Unit Size: 100uL

Store at -20C. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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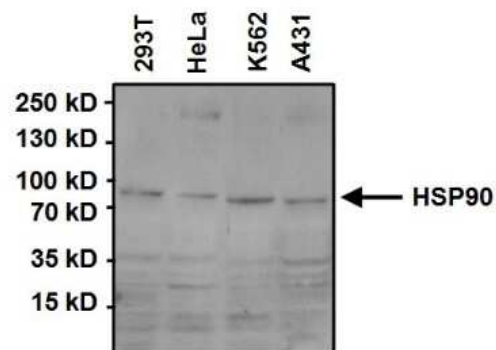


NB120-5455**HSP90 Antibody (3B6)**

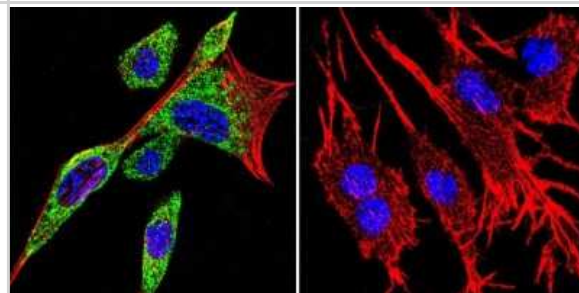
Product Information	
Unit Size	100uL
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3B6
Preservative	0.05% Sodium Azide
Isotype	IgG2b
Purity	Unpurified
Buffer	Ascites diluted with PBS
Product Description	
Description	Novus Biologicals Mouse HSP90 Antibody (3B6) (NB120-5455) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-HSP90 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3320
Gene Symbol	HSP90AA1
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	Detects heat shock protein 90 kDa (Hsp 90) from human, mouse and rat tissues. This does not detect chicken Hsp 90.
Immunogen	Purified mouse HSP90.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500, Immunohistochemistry 1:20, Immunocytochemistry/Immunofluorescence 1:100 - 1:200, Immunohistochemistry-Paraffin 1:20
Application Notes	WB: Detects an approx. 90 kDa protein representing Hsp 90 from MCF7 cell extract. ab5455 does not immunoprecipitate Hsp 90 in any form (free or complexed).

Images

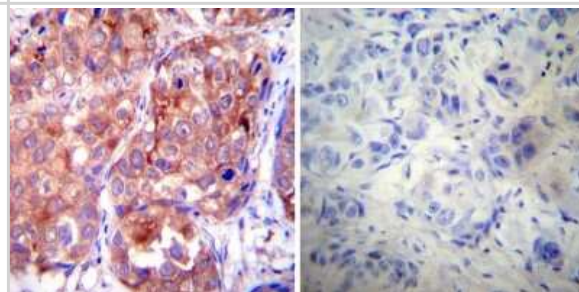
Western Blot: HSP90 Antibody (3B6) [NB120-5455] - Analysis of 50ug of various whole cell lysates and 15ul of PageRuler Prestained Protein Ladder onto a 4-20% Tris-HCl polyacrylamide gel.



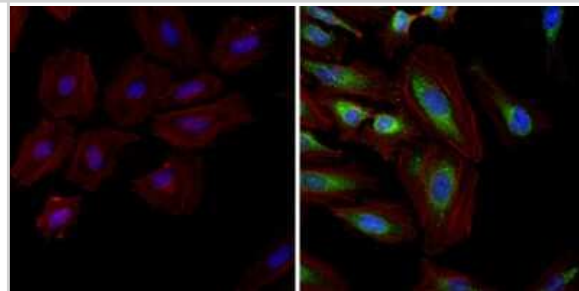
Immunocytochemistry/Immunofluorescence: HSP90 Antibody (3B6) [NB120-5455] - Heat Shock Protein 90 staining (green), F-Actin staining with Phalloidin (red) and nuclei with DAPI (blue) is shown. Cells were grown on chamber slides and fixed with formaldehyde prior to staining. Cells were probed without (control) or with or an antibody recognizing Heat Shock Protein 90 at a dilution of 1:100-1:200 over night at 4C, washed with PBS and incubated with a DyLight-488 conjugated.



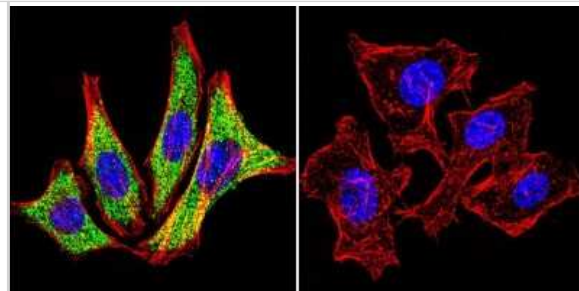
Immunohistochemistry-Paraffin: HSP90 Antibody (3B6) [NB120-5455] - Both normal and cancer biopsies of deparaffinized Human breast carcinoma tissues.



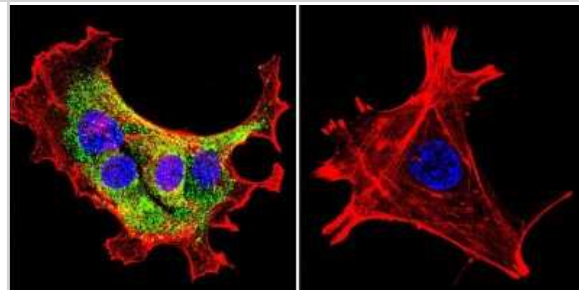
Immunocytochemistry/Immunofluorescence: HSP90 Antibody (3B6) [NB120-5455] - Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed without (left panel) or with (right panel) an HSP90 monoclonal antibody at a dilution of 1:100 for at least 1 hour at room temperature, washed with PBS, and incubated with DyLight 488 goat anti-mouse IgG secondary antibody at a dilution of 1:400 for 30 minutes at room temperature. F-Actin (red) was stained with DyLight 554 Phalloidin and nuclei (blue) were stained with Hoechst 33342 dye.



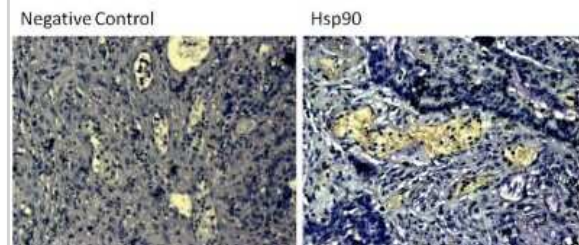
Immunocytochemistry/Immunofluorescence: HSP90 Antibody (3B6) [NB120-5455] - Heat Shock Protein 90 staining (green), F-Actin staining with Phalloidin (red) and nuclei with DAPI (blue) is shown. Cells were grown on chamber slides and fixed with formaldehyde prior to staining. Cells were probed without (control) or with or an antibody recognizing Heat Shock Protein 90 at a dilution of 1:100-1:200 over night at 4C, washed with PBS and incubated with a DyLight-488 conjugated.



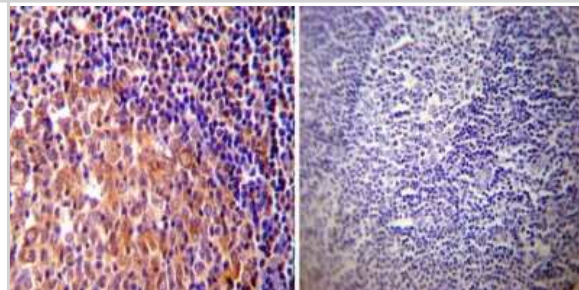
Immunocytochemistry/Immunofluorescence: HSP90 Antibody (3B6) [NB120-5455] - Heat Shock Protein 90 staining (green), F-Actin staining with Phalloidin (red) and nuclei with DAPI (blue) is shown. Cells were grown on chamber slides and fixed with formaldehyde prior to staining. Cells were probed without (control) or with or an antibody recognizing Heat Shock Protein 90 at a dilution of 1:100-1:200 over night at 4C, washed with PBS and incubated with a DyLight-488 conjugated.



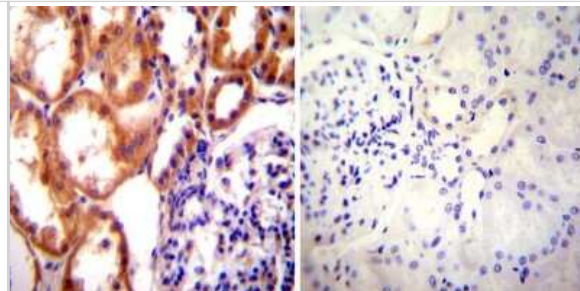
Immunohistochemistry-Paraffin: HSP90 Antibody (3B6) [NB120-5455] - Staining of human colon cancer tissue sections.



Immunohistochemistry-Paraffin: HSP90 Antibody (3B6) [NB120-5455] - Both normal and cancer biopsies of deparaffinized Human tonsil tissues.



Immunohistochemistry-Paraffin: HSP90 Antibody (3B6) [NB120-5455] - Both normal and cancer biopsies of deparaffinized Human kidney tissues.



Publications

Mullen N, Donlon PT, Sebek J et al. Sublethal hyperthermia transiently disrupts Cortisol steroidogenesis in adrenocortical cells Endocrinology 2023-03-18 [PMID: 36932649] (WB, Human)



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Products Related to NB120-5455

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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