

# Product Datasheet

## Hsp90A/B Antibody (Hyb-K41220A) - BSA Free NB110-96870

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NB110-96870**

Hsp90A/B Antibody (Hyb-K41220A) - BSA Free

Product Information	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	Hyb-K41220A
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS (pH 7.2), 50% Glycerol

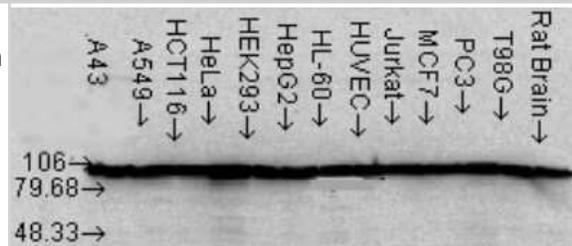
Product Description	
<b>Description</b>	Novus Biologicals Mouse Hsp90A/B Antibody (Hyb-K41220A) - BSA Free (NB110-96870) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	3320
<b>Gene Symbol</b>	HSP90AA1
<b>Species</b>	Human, Mouse, Rat, Yeast
<b>Specificity/Sensitivity</b>	Detects 90kD proteins corresponding to the molecular mass of hsp90 alpha or beta.
<b>Immunogen</b>	Recombinant human HSP90alpha; Specificity mapped to amino acids 291-304

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:1000, ELISA, Immunohistochemistry 1:100, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:10-1:500

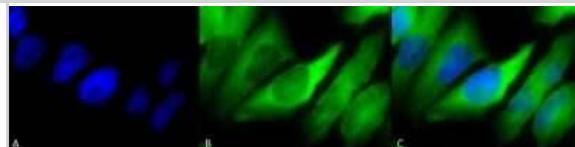


## Images

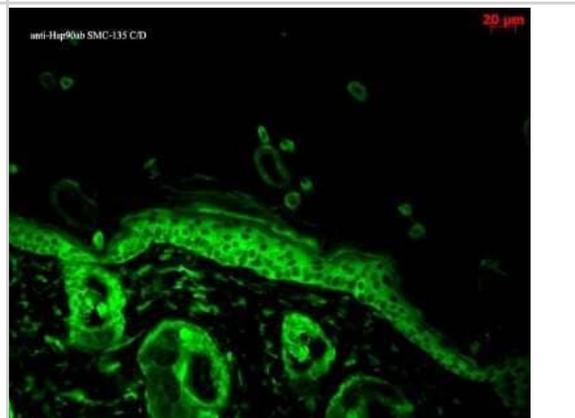
**Western Blot: Hsp90A/B Antibody (Hyb-K41220A) [NB110-96870]** - analysis of Human Cell lysates showing detection of Hsp90 alpha protein using Mouse Anti-Hsp90 alpha Monoclonal Antibody, Clone K41220A . Load: 15 ug protein. Block: 1.5% BSA for 30 minutes at RT. Primary Antibody: Mouse Anti-Hsp90 alpha Monoclonal Antibody at 1:1000 for 2 hours at RT. Secondary Antibody: Sheep Anti-Mouse IgG: HRP for 1 hour at RT.



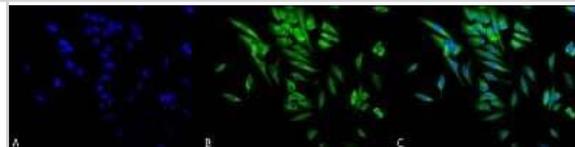
**Immunocytochemistry/Immunofluorescence: Hsp90A/B Antibody (Hyb-K41220A) [NB110-96870]** - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-Hsp90 alpha/beta Monoclonal Antibody, Clone K41220A (NB110-96870). Tissue: Cervical cancer cell line (HeLa). Species: Human. Fixation: 2% Formaldehyde for 20 min at RT. Primary Antibody: Mouse Anti-Hsp90 alpha/beta Monoclonal Antibody (NB110-96870) at 1:100 for 12 hours at 4C. Secondary Antibody: FITC Goat Anti-Mouse (green) at 1:200 for 2 hours at RT. Counterstain: DAPI (blue) nuclear stain at 1:40000 for 2 hours at RT. Localization: Cytoplasm. Melanosome. Magnification: 100x. (A) DAPI (blue) nuclear stain. (B) Anti-Hsp90 alpha/beta Antibody. (C) Composite.



**Immunohistochemistry: Hsp90A/B Antibody (Hyb-K41220A) [NB110-96870]** - Immunohistochemistry analysis using Mouse Anti-Hsp90 alpha Monoclonal Antibody, Clone K41220A (NB110-96870). Tissue: backskin. Species: Mouse. Fixation: Bouin's Fixative and paraffin-embedded. Primary Antibody: Mouse Anti-Hsp90 alpha Monoclonal Antibody (NB110-96870) at 1:100 for 1 hour at RT. Secondary Antibody: FITC Goat Anti-Mouse (green) at 1:50 for 1 hour at RT. Localization: Epidermis.



**Immunocytochemistry/Immunofluorescence: Hsp90A/B Antibody (Hyb-K41220A) [NB110-96870]** - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-Hsp90 alpha/beta Monoclonal Antibody, Clone K41220A (NB110-96870). Tissue: Cervical cancer cell line (HeLa). Species: Human. Fixation: 2% Formaldehyde for 20 min at RT. Primary Antibody: Mouse Anti-Hsp90 alpha/beta Monoclonal Antibody (NB110-96870) at 1:100 for 12 hours at 4C. Secondary Antibody: FITC Goat Anti-Mouse (green) at 1:200 for 2 hours at RT. Counterstain: DAPI (blue) nuclear stain at 1:40000 for 2 hours at RT. Localization: Cytoplasm. Melanosome. Magnification: 20x. (A) DAPI (blue) nuclear stain. (B) Anti-Hsp90 alpha/beta Antibody. (C) Composite.





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### **Products Related to NB110-96870**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
1129-ER-050	ErbB2/Her2 [Unconjugated]

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### **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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