

Product Datasheet

HSP90 alpha/beta Antibody: Biotin (orb396201)

Catalog Number	orb396201
Description	Mouse monoclonal antibody against HSP90 alpha/beta conjugated to Biotin.
Species/Host	Mouse
Reactivity	Human, Mouse, Rat, Saccharomyces, Yeast
Conjugation	Biotin
Tested Applications	ELISA, ICC, IF, IHC, WB
Immunogen	Recombinant human HSP90alpha; Specificity mapped to amino acids 291-304
Target	HSP90 alpha/beta
Preservatives	136.36mM Ethanolamine, and 9.55mM Sodium Bicarbonate in 95.45% PBS
Concentration	1 mg/ml
Storage	Conjugated antibodies should be stored according to the product label
Note	For research use only
Application notes	1 µg/ml was sufficient for detection of HSP90αβ in 20 µg of heat shocked HeLa cell lysate by colorimetric immunoblot analysis using Goat Anti-Mouse IgG:HRP as the secondary.
Isotype	IgG2a
Clonality	Monoclonal
Clone Number	Hyb-K41220A
MW	90kDa
Uniprot ID	P08238, P07900

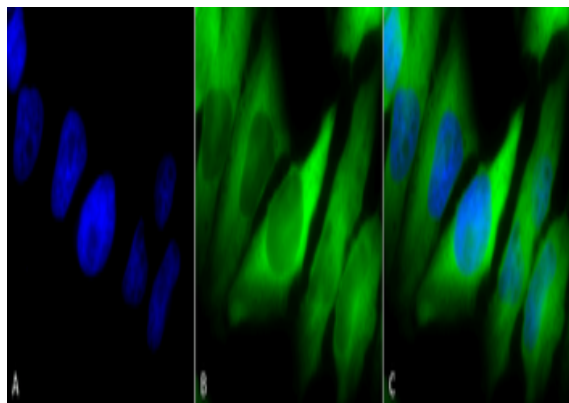
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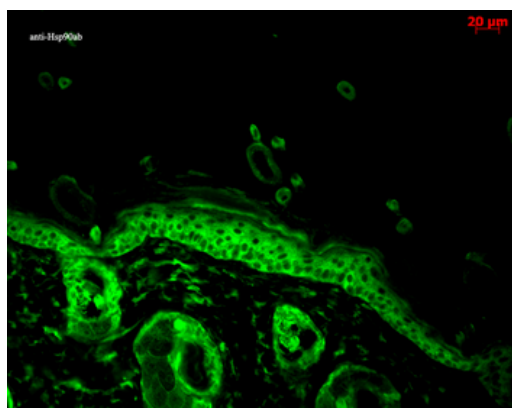
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NCBI	NP_001017963.2, NP_031381.2
Entrez	3326, 3320
Dilution Range	WB (1:1000), IHC (1:100), ICC/IF (1:100)
Expiration Date	12 months from date of receipt.



Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-Hsp90 alpha/beta Monoclonal Antibody, Clone K41220A. 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 at 1:100 for 12 hours at 4°C. 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.



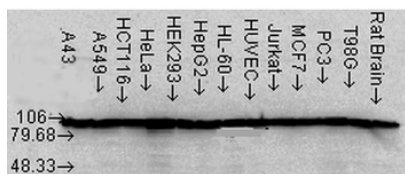
Immunohistochemistry analysis using Mouse Anti-Hsp90 alpha Monoclonal Antibody, Clone K41220A. Tissue: backskin. Species: Mouse. Fixation: Bouin's Fixative and paraffin-embedded. Primary Antibody: Mouse Anti-Hsp90 alpha Monoclonal Antibody at 1:100 for 1 hour at RT. Secondary Antibody: FITC Goat Anti-Mouse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

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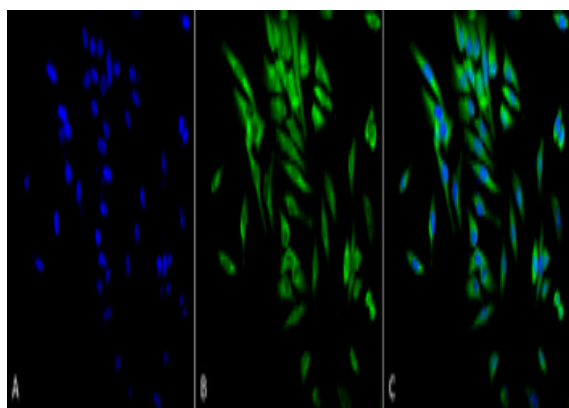
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Western Blot analysis of Human Cell lysates showing detection of Hsp90 alpha protein using Mouse Anti-Hsp90 alpha Monoclonal Antibody, Clone K41220A. Load: 15 µg. Block: 1.5% BSA for 30 minutes at RT. Primary Antibody: Mouse Anti-Hsp90 alpha Monoclonal Antibody at 1:1000 for 2 hours at RT. Secondary Antibody: Sheep Anti-Mouse IgG: HRP for 1 hour at RT.



Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-Hsp90 alpha/beta Monoclonal Antibody, Clone K41220A. 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 at 1:100 for 12 hours at 4°C. 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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