

Product Datasheet

HSP90 Antibody (FITC) (orb146804)

Catalog Number	orb146804
Category	Antibodies
Description	Mouse monoclonal to Hsp90 (FITC). HSP90 is an abundantly and ubiquitously expressed heat...
Target	HSP90
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG2a
Conjugation	FITC
Reactivity	Canine, Fish, Gallus, Hamster, Human, Mouse, Rabbit, Rat
Concentration	1 mg/ml
Buffer/Preservatives	640.91mM DMSO, 136.36 mM Ethanolamine, 126.89 mM chlorides, 9.09mM phosphates, 9.09mM NaHCO ₃
Purification	Protein G Purified
Immunogen	Recombinant human HSP90beta
UniProt ID	P08238
MW	90kDa
Tested applications	AM, ELISA, ICC, IF, IHC, IP, WB
Dilution range	WB (1:2500), IHC (1:100)

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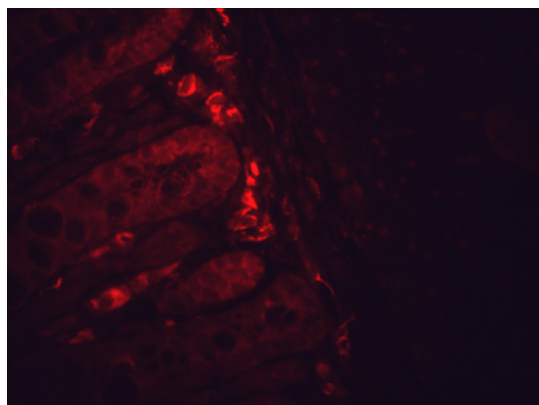
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Application notes	1 µg/ml was sufficient for detection of HSP90beta in 20 µg of heat shocked HeLa cell lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Specificity	Detects 90kDa. Detects HSP90 beta in all reactive species except in Chicken, where it detects both alpha and beta isoforms.
Clone Number	H9010
Storage	Conjugated antibodies should be stored according to the product label
Note	For research use only
Entrez	3326
NCBI	NP_031381.2
Expiration Date	12 months from date of receipt.



Immunohistochemistry analysis using Mouse Anti-Hsp90 Monoclonal Antibody, Clone H9010. Tissue: inflamed colon. Species: Mouse. Fixation: Formalin. Primary Antibody: Mouse Anti-Hsp90 Monoclonal Antibody at 1:10000 for 12 hours at 4°C. Secondary Antibody: Alexa Fluor 555 Goat Anti-Mouse (red) at 1:5000 for 1 hour at RT. Localization: Inflammatory and epithelial mucosa. Magnification: 40x. Inflammatory and epithelial mucosa.

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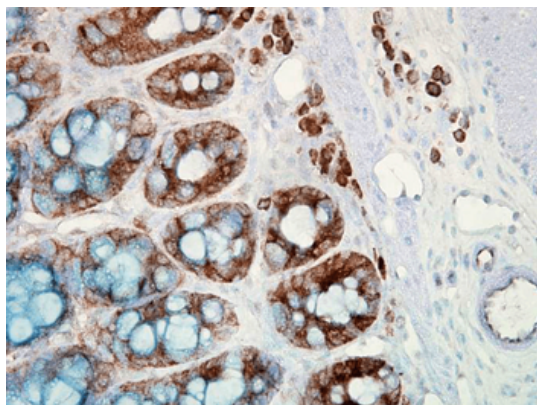
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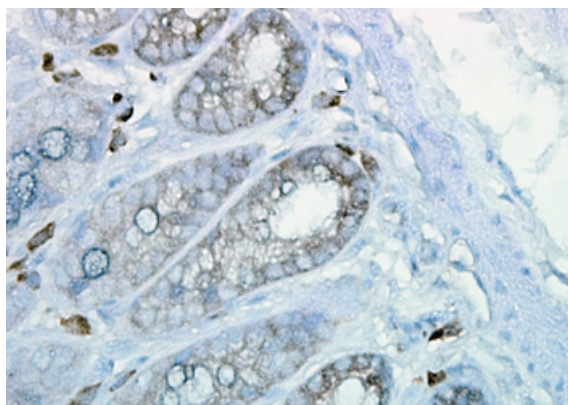
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Immunohistochemistry analysis using Mouse Anti-Hsp90 Monoclonal Antibody, Clone H9010. Tissue: colon carcinoma. Species: Human. Fixation: Formalin. Primary Antibody: Mouse Anti-Hsp90 Monoclonal Antibody at 1:10000 for 12 hours at 4°C. Secondary Antibody: Biotin Goat Anti-Mouse at 1:2000 for 1 hour at RT. Counterstain: Mayer Hematoxylin (purple/blue) nuclear stain at 200 µl for 2 minutes at RT. Localization: Inflammatory cells. Magnification: 40x.



Western Blot analysis of Human cell lysates from various cell lines showing detection of Hsp90 protein using Mouse Anti-Hsp90 Monoclonal Antibody, Clone H9010. Load: 15 µg. Block: 1.5% BSA for 30 minutes at RT. Primary Antibody: Mouse Anti-Hsp90 Monoclonal Antibody at 1:1000 for 2 hours at RT. Secondary Antibody: Sheep Anti-Mouse IgG: HRP for 1 hour at RT.



Immunohistochemistry analysis using Mouse Anti-Hsp90 Monoclonal Antibody, Clone H9010. Tissue: inflamed colon. Species: Mouse. Fixation: Formalin. Primary Antibody: Mouse Anti-Hsp90 Monoclonal Antibody at 1:10000 for 12 hours at 4°C. Secondary Antibody: Biotin Goat Anti-Mouse at 1:2000 for 1 hour at RT. Counterstain: Mayer Hematoxylin (purple/blue) nuclear stain at 200 µl for 2 minutes at RT. Localization: Inflammatory cells. Magnification: 40x.

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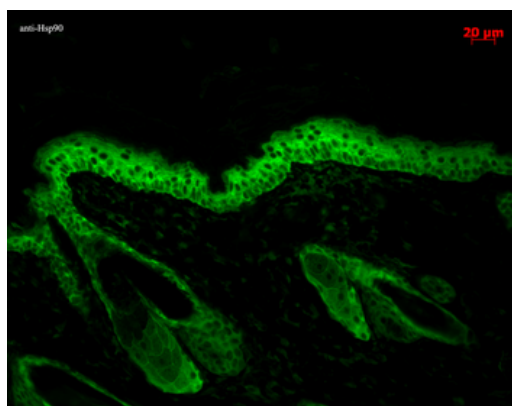
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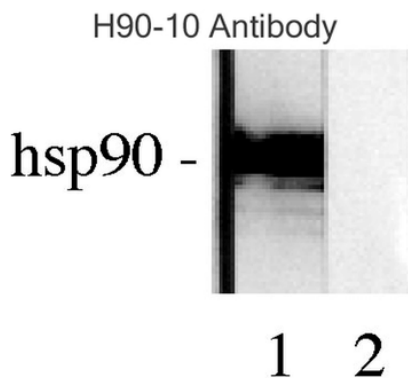
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Immunohistochemistry analysis using Mouse Anti-Hsp90 Monoclonal Antibody, Clone H9010. Tissue: backskin. Species: Mouse. Fixation: Bouin's Fixative and paraffin-embedded. Primary Antibody: Mouse Anti-Hsp90 Monoclonal Antibody at 1:100 for 1 hour at RT. Secondary Antibody: FITC Goat Anti-Mouse (green) at 1:50 for 1 hour at RT. Localization: Epidermis.



Western Blot analysis of Human Cervical cancer cell line (HeLa) lysate showing detection of Hsp90 protein using Mouse Anti-Hsp90 Monoclonal Antibody, Clone H9010. Primary Antibody: Mouse Anti-Hsp90 Monoclonal Antibody at 1:1000. Secondary Antibody: HRP Goat Anti-Mouse.



Western blot analysis of Human Lysates showing detection of Hsp90 protein using Mouse Anti-Hsp90 Monoclonal Antibody, Clone H9010. Primary Antibody: Mouse Anti-Hsp90 Monoclonal Antibody at 1:1000. Comparison of clone H9010 behavior with Hsp90 human beta (1) and Hsp90 human alpha (2).

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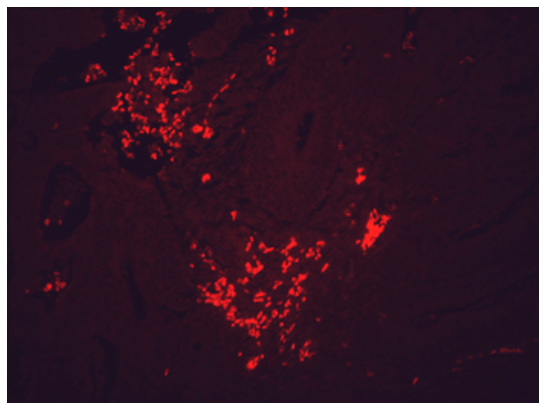
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