

Product Datasheet

HSP60 Antibody (Biotin) (orb146871)

Catalog Number	orb146871
Category	Antibodies
Description	Mouse monoclonal to Hsp60 (Biotin). In both prokaryotic and eukaryotic cells, the misfolding In both prokaryotic and eukaryotic cells, the misfolding...
Target	HSP60
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG1
Conjugation	Biotin
Reactivity	Bacteria, Bovine, Canine, E. coli, Fish, Gallus, Guinea pig, H. pylori, Hamster, Human, Insect, Monkey, Mouse, Other, Plant, Porcine, Rabbit, Rat, Yeast
Concentration	1 mg/ml
Buffer/Preservatives	136.36mM Ethanolamine, 133.23 mM Chlorides, 9.55mM Phosphates, 9.55mM Sodium Bicarbonate
Purification	Protein G Purified
Immunogen	Recombinant human HSP60
UniProt ID	P10809
MW	60kDa
Tested applications	FC, IHC, WB

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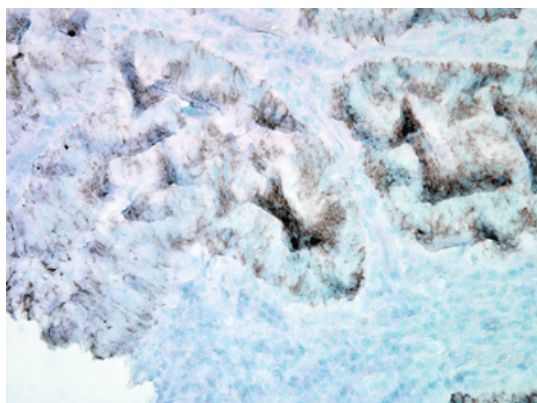
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Dilution range	WB (1:4000), IHC (1:100)
Application notes	0.25 µg/ml of SMC-111 was sufficient for detection of HSP60 in 10 µg of heat shocked HeLa cell lysate by colorimetric immunoblot analysis using goat anti-mouse IgG as the secondary antibody.
Specificity	Detects ~60kDa.
Clone Number	LK2
Storage	Conjugated antibodies should be stored according to the product label
Note	For research use only
Entrez	3329
NCBI	NP_002147.2
Expiration Date	12 months from date of receipt.



Immunohistochemistry analysis using Mouse Anti-Hsp60 Monoclonal Antibody, Clone LK-2. Tissue: colon carcinoma. Species: Human. Fixation: Formalin. Primary Antibody: Mouse Anti-Hsp60 Monoclonal Antibody at 1:100000 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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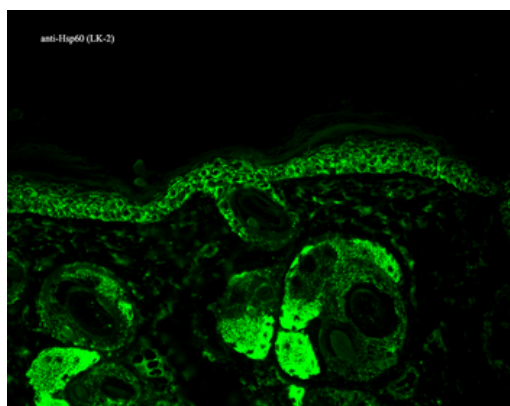
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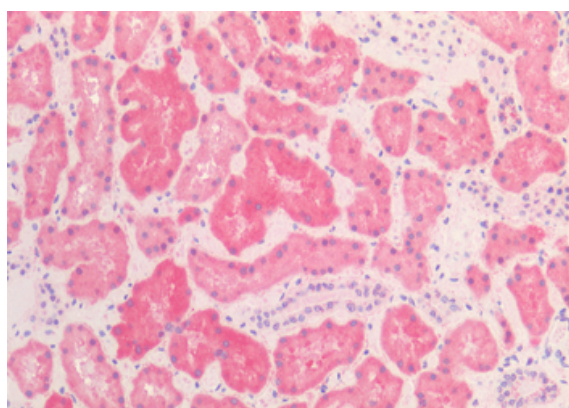
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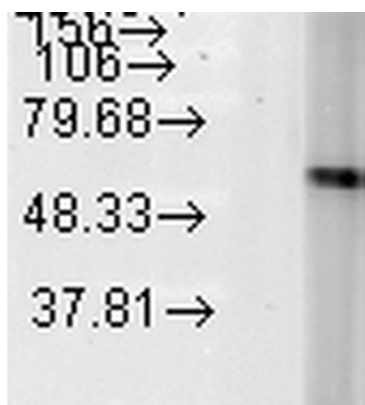
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Immunohistochemistry analysis using Mouse Anti-Hsp60 Monoclonal Antibody, Clone LK-2. Tissue: backskin. Species: Mouse. Fixation: Bouin's Fixative and paraffin-embedded. Primary Antibody: Mouse Anti-Hsp60 Monoclonal Antibody at 1:100 for 1 hour at RT. Secondary Antibody: FITC Goat Anti-Mouse (green) at 1:50 for 1 hour at RT. Localization: Cytoplasmic Staining.



Immunohistochemistry analysis using Mouse Anti-HSP60 Monoclonal Antibody, Clone LK2. Tissue: Kidney. Species: Human. Fixation: Formalin Fixed, Paraffin Embedded. Primary Antibody: Mouse Anti-HSP60 Monoclonal Antibody.



Western Blot analysis of Human Heat Shocked cervical cancer cell line (HeLa) lysate showing detection of Hsp60 protein using Mouse Anti-Hsp60 Monoclonal Antibody, Clone LK-2. Load: 15 µg. Block: 1.5% BSA for 30 minutes at RT. Primary Antibody: Mouse Anti-Hsp60 Monoclonal Antibody at 1:1000 for 2 hours at RT. Secondary Antibody: Sheep Anti-Mouse IgG: HRP for 1 hour at RT.

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