

Product Datasheet

HSP60 Antibody: RPE (orb146876)

Description	Mouse monoclonal to Hsp60 (RPE). In both prokaryotic and eukaryotic cells, the misfolding In both prokaryotic and eukaryotic cells, the misfolding...
Species/Host	Mouse
Reactivity	Bacteria, Bovine, Canine, E. coli, Fish, Gallus, Guinea pig, H. pylori, Hamster, Human, Insect, Monkey, Mouse, Other, Plant, Porcine, Rabbit, Rat, Yeast
Conjugation	RPE
Tested Applications	ICC, IF, IHC, WB
Immunogen	Recombinant human HSP60
Target	HSP60
Preservatives	95.64mM Phosphate, 2.48mM MES and 2mM EDTA
Concentration	1 mg/ml
Storage	Conjugated antibodies should be stored according to the product label
Note	For research use only
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.
Isotype	IgG1
Clonality	Monoclonal
Clone Number	LK2
MW	60kDa
Uniprot ID	P10809

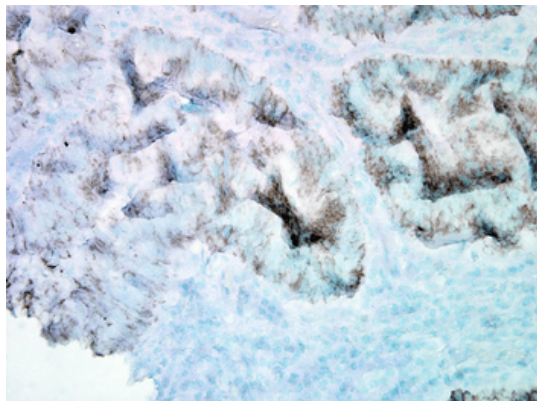
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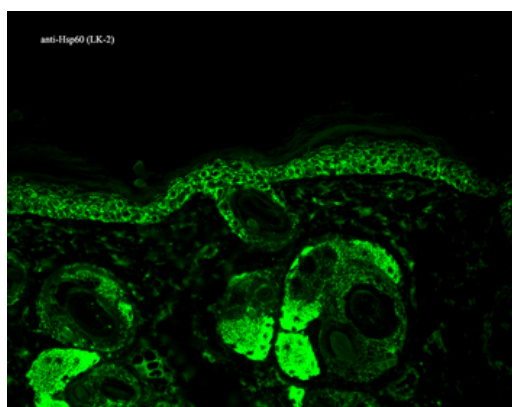
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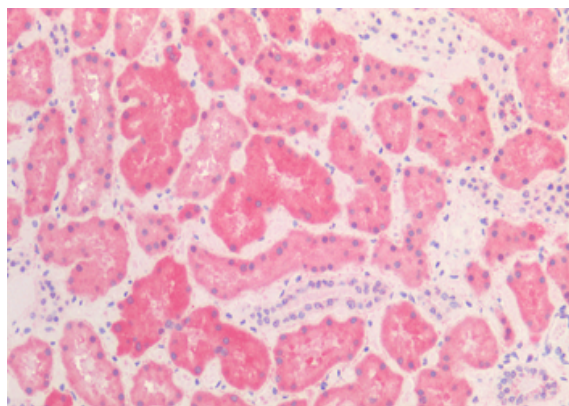
NCBI	NP_002147.2
Entrez	3329
Dilution Range	WB (1:4000), IHC (1:100)
Expiration Date	12 months from date of receipt.



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.



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.



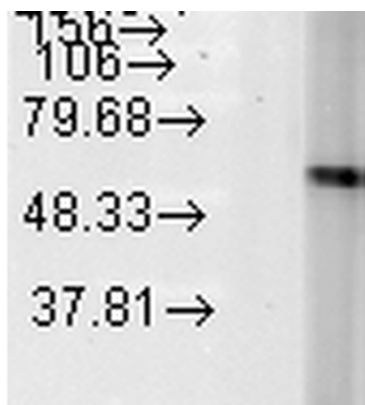
Immunohistochemistry analysis using Mouse Anti-HSP60 Monoclonal Antibody, Clone LK2. Tissue: Kidney. Species: Human. Fixation: Formalin Fixed, Paraffin Embedded. Primary Antibody: Mouse Anti-HSP60 Monoclonal Antibody.

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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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