

Product Datasheet

HSP60 Antibody: RPE (orb146859)

Catalog Number	orb146859
Category	Antibodies
Description	Mouse monoclonal to Hsp60 (RPE). 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	RPE
Reactivity	Bovine, Canine, Drosophila, Frog, Gallus, Guinea pig, Hamster, Human, Monkey, Mouse, Other, Plant, Porcine, Rabbit, Rat, Sheep
Concentration	1 mg/ml
Buffer/Preservatives	95.64mM Phosphate, 2.48mM MES and 2mM EDTA
Purification	Protein G Purified
Immunogen	Recombinant human HSP60
UniProt ID	P10809
MW	60kDa
Tested applications	ICC, IF, IHC, WB
Dilution range	WB (1:20000), IHC (1:100), ICC/IF (1:100), IP (1:200)

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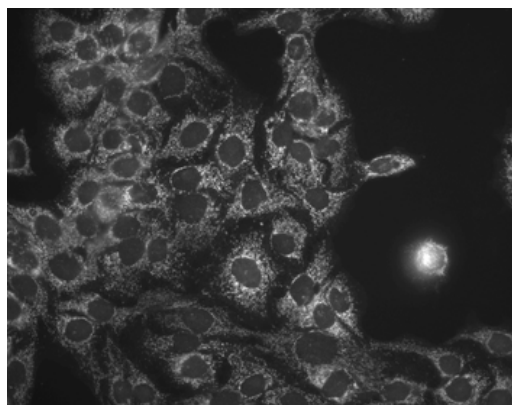
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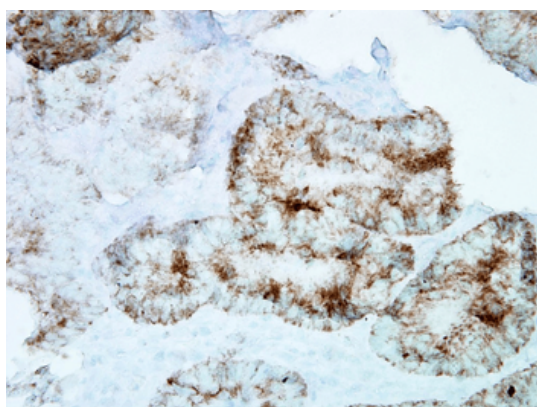
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Application notes	0.05 µg/ml of SMC-110 was sufficient for detection of HSP60 in 20 µg of heat shocked HeLa cell lysate by colorimetric immunoblot analysis using goat anti-mouse IgG as the secondary antibody.
Clone Number	LK1
Storage	Conjugated antibodies should be stored according to the product label
Note	For research use only
Entrez	3329
NCBI	NP_002147.2



Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-Hsp60 Monoclonal Antibody, Clone LK-1. Tissue: HaCaT cells. Species: Human. Fixation: Cold 100% methanol at -20°C for 10 minutes. 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 LK-1. 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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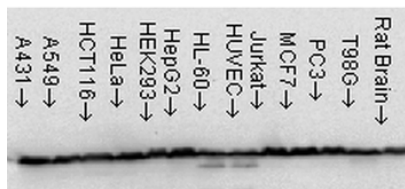
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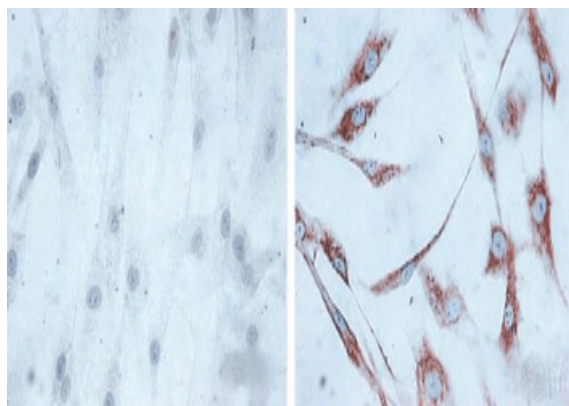
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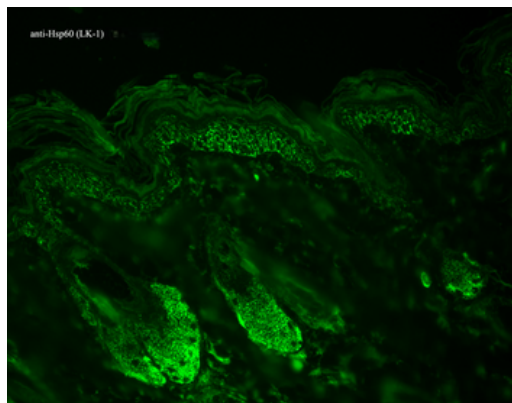
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Western Blot analysis of Human Cell line lysates showing detection of Hsp60 protein using Mouse Anti-Hsp60 Monoclonal Antibody, Clone LK-1. Load: 15 µg. Block: 1.5% BSA for 30 minutes at RT. Primary Antibody: Mouse Anti-Hsp60 Monoclonal Antibody at 1:1000 for 2 hours at RT. Secondary Antibody: Sheep Anti-Mouse IgG: HRP for 1 hour at RT.



Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-Hsp60 Monoclonal Antibody, Clone LK1, . Tissue: skin Fibroblasts. Species: Human. Fixation: Cold 100% methanol for 30 minutes at -20°C. Primary Antibody: Mouse Anti-Hsp60 Monoclonal Antibody at 1:1000 for 1 hour at RT. Secondary Antibody: DAKO LSAB2 streptavidin-peroxidase system. Counterstain: Mayer Hematoxylin (purple/blue) nuclear stain. Left: control; Right: 24 hours after 7th passage of senescence.



Immunohistochemistry analysis using Mouse Anti-Hsp60 Monoclonal Antibody, Clone LK-1. 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: Epidermis.

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