

Product Datasheet

HSP25/HSP27 Antibody: FITC (orb181809)

Description	Mouse monoclonal antibody against Hsp27, conjugated to FITC.
Species/Host	Mouse
Reactivity	Bovine, Canine, Guinea pig, Hamster, Human, Mouse, Rat, Sheep
Conjugation	FITC
Tested Applications	ICC, IF, IHC
Immunogen	HSP27 peptide
Target	HSP27
Preservatives	640.91mM DMSO, 136.36mM Ethanolamine, and 9.09mM Sodium Bicarbonate in 90.9% PBS
Concentration	1 mg/ml
Storage	Conjugated antibodies should be stored according to the product label
Note	For research use only
Application notes	A 1:5000 dilution of SMC-114 was sufficient for detection of HSP27 in 20 µg of HeLa cell lysate by ECL immunoblot analysis.
Isotype	IgG1 Kappa
Clonality	Monoclonal
Clone Number	8A7
MW	27kDa
Uniprot ID	P04792
NCBI	NP_001532.1

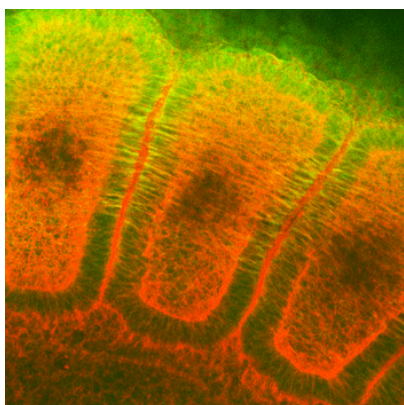
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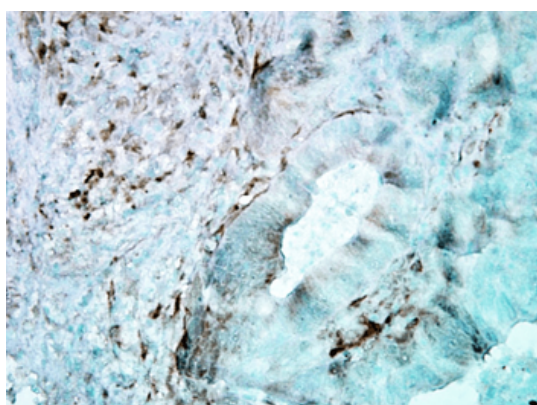
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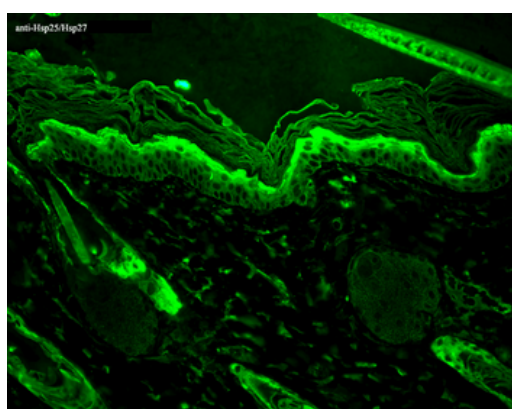
Entrez	3315
Dilution Range	WB (1:5000), ICC/IF (1:200), IHC (1:100)
Expiration Date	12 months from date of receipt.



Immunohistochemistry analysis using Mouse Anti-Hsp27 Monoclonal Antibody, Clone 8A7. Tissue: embryo somites. Species: Rat. Primary Antibody: Mouse Anti-Hsp27 Monoclonal Antibody at 1:1000. Secondary Antibody: FITC Goat Anti-Mouse (green). Counterstain: Rhodamine-phalloidin labeled actin (red). Investigation at 11 days gestation.



Immunohistochemistry analysis using Mouse Anti-Hsp27 Monoclonal Antibody, Clone 8A7. Tissue: colon carcinoma. Species: Human. Fixation: Formalin. Primary Antibody: Mouse Anti-Hsp27 Monoclonal Antibody at 1:5000 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.



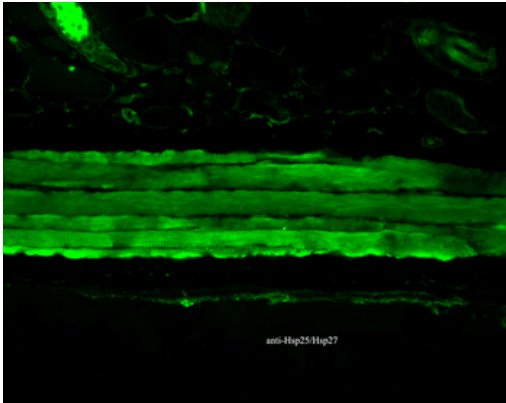
Immunohistochemistry analysis using Mouse Anti-Hsp27 Monoclonal Antibody, Clone 8A7. Tissue: backskin. Species: Mouse. Fixation: Bouin's Fixative and paraffin-embedded. Primary Antibody: Mouse Anti-Hsp27 Monoclonal Antibody at 1:100 for 1 hour at RT. Secondary Antibody: FITC Goat Anti-Mouse (green) at 1:50 for 1 hour at RT. Localization: Epidermis.

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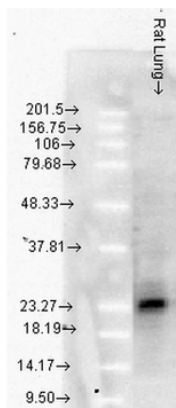
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Immunohistochemistry analysis using Mouse Anti-Hsp27 Monoclonal Antibody, Clone 8A7. Tissue: backskin. Species: Mouse. Fixation: Bouin's Fixative and paraffin-embedded. Primary Antibody: Mouse Anti-Hsp27 Monoclonal Antibody at 1:100 for 1 hour at RT. Secondary Antibody: FITC Goat Anti-Mouse (green) at 1:50 for 1 hour at RT. Localization: Epidermis.



Western Blot analysis of Rat Lung tissue lysates showing detection of Hsp27 protein using Mouse Anti-Hsp27 Monoclonal Antibody, Clone 8A7. Load: 15 µg. Block: 5% blocking solution. Primary Antibody: Mouse Anti-Hsp27 Monoclonal Antibody at 1:1000 for 2 hours at RT. Secondary Antibody: Goat Anti-Mouse: HRP for 1 hour at RT.

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