

HSP70/HSC70 Monoclonal Antibody (N27F3-4), FITC

Product Details

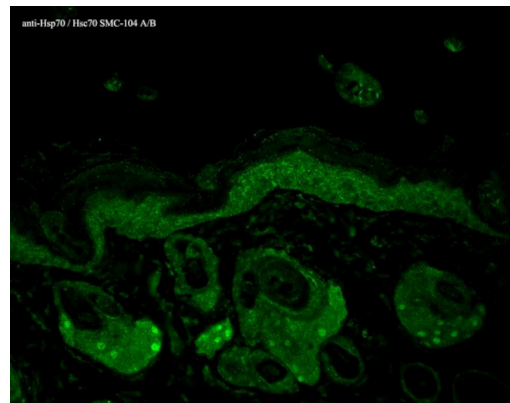
Size	200 µg
Species Reactivity	Fish, Guinea pig, Hamster, Human, Mammal, Mouse, Non-human primate, Sheep, Plant, Pig, Rabbit, Rat, Xenopus, Bovine, Dog, C. elegans, Chicken, Fruit fly
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	N27F3-4
Conjugate	FITC
Excitation/Emission Max	498/517 nm
Immunogen	Recombinant HSP70/HSC70
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	9.44mM PBS/9.1mM sodium bicarbonate, pH 7.2, with 581mM DMSO, 123mM ethanolamine
Contains	no preservative
Storage conditions	4° C, store in dark

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100	-
Immunocytochemistry (ICC/IF)	1:50	-
Flow Cytometry (Flow)	Assay-dependent	-
Immunoprecipitation (IP)	Assay-dependent	-
Immunomicroscopy (IM)	Assay-dependent	-

Product Specific Information

1 µg/mL of MA5-45094 was sufficient for detection of HSP70/HSC70 in 20 µg of heat shocked HeLa cell lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody. | Detects approximately 72 (HSP) and approximately 73kDa (HSC).

Product Images For HSP70/HSC70 Monoclonal Antibody (N27F3-4), FITC

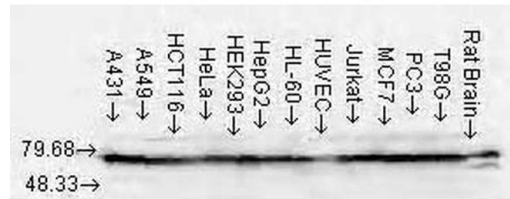


HSP70/HSC70 Antibody (MA5-45094) in IHC (P)

Immunohistochemistry analysis using backskin. Fixation involved Bouins Fixative and paraffin-embedded. Samples were incubated with Hsp70 monoclonal antibody (Product # MA5-45094) at 1:100 for 1 hour at RT, followed by FITC Goat Anti-Mouse (green) at 1:50 for 1 hour at RT. Localization: Epidermis.

HSP70/HSC70 Antibody (MA5-45094) in WB

Western Blot analysis of Human Cell lysates showing detection of Hsp70 protein. Load: 15 µg. Blocking: 1.5% BSA for 30 minutes at RT. Samples were incubated with Hsp70 monoclonal antibody (Product # MA5-45094) at 1:1,000 for 2 hours at RT, followed by Sheep Anti-Mouse IgG: HRP for 1 hour at RT.



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