

HSP70 Monoclonal Antibody (3A3), APC

Product Details

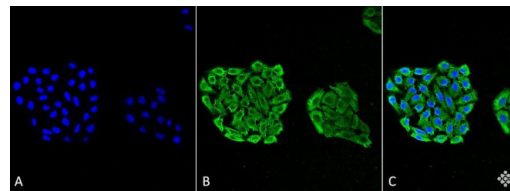
Size	100 µg
Species Reactivity	Amphibian, Arthropod, Bacteria, Chicken, Fruit fly, Fish, Human, Mouse, Prawn, Rat, Yeast
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	3A3
Conjugate	APC
Excitation/Emission Max	651/660 nm
Immunogen	Human recombinant HSP70 overexpressed in E.coli
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	47.35mM phosphate/2.15mM MES, pH 7.2, with 1.033mM EDTA
Contains	no preservative
Storage conditions	4° C

Applications	Tested Dilution	Publications
Western Blot (WB)	1:5,000	-
Immunohistochemistry (IHC)	Assay-dependent	-
Immunocytochemistry (ICC/IF)	1:500	-
Immunoprecipitation (IP)	2 µg	-
Antibody Microarray (AM)	Assay-dependent	-

Product Specific Information

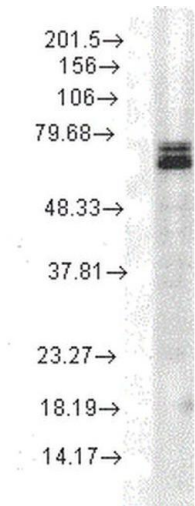
0.2 µg/mL of MA5-45214 was sufficient for detection of HSP70 in 20 µg of heat shocked HeLa cell lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody. | Detects approximately 70kDa. May detect HSP70, HSC70, p75 and HSP72.

Product Images For HSP70 Monoclonal Antibody (3A3), APC



HSP70 Antibody (MA5-45214) in ICC/IF

Immunocytochemistry/Immunofluorescence analysis using human cervical cancer cells. Fixation involved 4% Formaldehyde for 15 min at RT. Samples were incubated with HSP70 monoclonal antibody (Product # MA5-45214) at 1:100 for 60 min at RT, followed by Goat Anti-Mouse ATTO 488 at 1:100 for 60 min at RT. Counterstain used was DAPI (blue) nuclear stain at 1:5,000 for 5 min RT. Localization: Cytoplasm. Magnification: 40X.



HSP70 Antibody (MA5-45214) in WB

Western Blot analysis of Rat 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 # MA5-45214) 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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