

Hsp70 Antibody and Protein Multipack Catalog# SPK-110

Size: 12 x 25µg

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This product is for *in vitro* research use only and is not intended for use in humans or animals

Full details on each antibody and protein are available on our website www.stressmarq.com

Product	Cited Applications	Species Cross-reactivity	Format/ Concentration
Hsp70 Monoclonal Antibody, C92 Cat# SMC-100	WB, IP, ELISA, ICC, IHC, FACS, IEM	Human, Mouse, Rat, Bovine, <i>C.elegans</i> , Canine, Chicken, <i>Drosophila</i> , Fish (carp), Guinea pig, Hamster, Monkey, Pig, Rabbit, Sheep	Mouse IgG1 in PBS pH 7.2, 50% glycerol, 0.09% sodium azide. Protein G Purified. 1mg/mL
Hsp70/Hsc70 Monoclonal Antibody, N27 Cat# SMC-104	WB, IP, IHC, Flow Cyt., IEM	Human, Mouse, Rat, Bovine, <i>C.elegans</i> , <i>Drosophila</i> , Fish (carp, salmon, rainbow trout), Guinea pig, Hamster, Monkey, Pig, Plant (cucumber/pea), Rabbit, Sheep, <i>Xenopus</i>	Mouse IgG in PBS pH 7.2, 50% glycerol, 0.09% sodium azide. Protein G Purified. 1mg/mL
Hsp70/Hsc70 Monoclonal Antibody, BB70 Cat# SMC-106	WB, IP, IHC	Human, Mouse, Rat, Sheep, Dog, Beluga, Bovine, Fish (carp, rainbow trout, salmon), Pacific Oyster, Guinea pig, Scallop pig, Hamster, Rabbit, Chicken, <i>Artemia</i> , <i>Xenopus</i> , <i>Drosophila</i> , Yeast	Mouse IgG2a in PBS pH 7.2, 50% glycerol, 0.09% sodium azide. Protein G Purified. 1mg/mL
Hsp70 Monoclonal Antibody, 5A5 Cat# SMC-162	ICC, IHC, IF, IP, WB	Human, Mouse, Rat, Amphibian, Bird, Fish, Rabbit, <i>Saccharomyces cerevisiae</i> , Fruit Fly.	Mouse IgG1 in PBS pH 7.2, 50% glycerol, 0.09% sodium azide. Protein G Purified. 1mg/mL
Hsp70 Monoclonal Antibody, 2A4 Cat# SMC-163	ICC, IF, IHC, WB	Human, Mouse, Rat, Amphibian, Chicken, Fish, <i>Saccharomyces cerevisiae</i> , Fruit Fly, <i>Asteria franciscana</i>	Mouse IgM in PBS pH 7.2, 50% glycerol, 0.09% azide. PEG Purified. 1mg/mL
Hsp70 Monoclonal Antibody, 3A3 Cat# SMC-164	ICC, IHC, IP, WB	Human, Mouse, Rat, Amphibian, Chicken, Fish, <i>Saccharomyces cerevisiae</i> , Fruit Fly, <i>Asteria franciscana</i>	Mouse IgG1 in PBS pH 7.2, 50% glycerol, 0.09% azide. Protein G Purified. 1mg/mL
Hsp70 Polyclonal Antibody Cat# SPC-103	WB, IP, ELISA, IHC, ICC	Human, Mouse, Rat, Beluga, Cow, Dog, Fish (carp), Guinea Pig, Hamster, Monkey, Pig, Sheep, Coral, Tomato, Tobacco	Whole Rabbit Serum
Hsp70 Polyclonal Antibody Cat# SPC-178	WB, ELISA	Human, Mouse, Rat. Other species not yet tested.	Chicken IgY in PBS pH 7.4, 50% glycerol, 0.09% azide. PEG Purified. 1mg/mL
Hsc70 (Hsp73) Monoclonal Antibody, 1F2-H5 Cat# SMC-151	WB, ELISA, IP, IHC	Human, Mouse, Rat. Other species not yet tested.	Mouse in PBS pH 7.4, 50% glycerol, 0.09% azide. Protein G Purified. 1mg/mL
Hsc70 (hsp73) Polyclonal Antibody Cat# SPC-102	WB, IP, IF, Blocking, IHC	Human, Hamster, Rat.	Whole Rabbit Serum
Recomb. Hsc70 (Hsp73) Protein (his-tag, active) Cat# SPR-106	ATPase Assay, WB Control, Binding Assay, ELISA reference standard	N/A	Human Hsc70 in Na-phosphate pH7.5, 150mM NaCl, 10% glycerol, 200mM Imidazole. Affinity Purified. 0.33mg/mL
Recomb. Hsp70 Protein (Endotoxin Free, Active) Cat# SPR-117	ATPase Assay, WB Control, Binding Assay, ELISA reference standard, Chaperone Assay	N/A	Human Hsp70 in 50mM Tris/HCl pH7.5, 0.15NaCl, 10% glycerol, 0.1mM EDTA. Multi-step chromatographically purified. 1.4mg/mL

Material Safety Data Sheet

Anti-Hsp70 Antibody and Protein Multipack SPK-110

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The below information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. StressMarq shall not be held liable for any damage resulting from handling or from contact with the above product. See the Technical Specification, Packing Slip, Invoice, and Product Catalogue for additional terms and conditions of sale.

Hazardous Ingredients

The physical, chemical and toxicological properties of these components have not been fully investigated. It is recommended that all laboratory personnel follow standard laboratory safety procedures when handling this product. Safety procedures should include wearing OSHA approved safety glasses, gloves and protective clothing. Direct physical contact with this product should be avoided.

<u>Known Hazardous Components</u>	<u>CAS Number</u>	<u>Percent</u>
Sodium Azide	26628-22-8	0.09

Physical Data

The monoclonal products consist of mouse immunoglobulin in PBS containing 0.09% azide in 50% glycerol; the polyclonal products are whole rabbit serum, and the proteins are in a combination of sodium phosphate, NaCl and 10% glycerol; all are shipped on gel packs. The physical properties of this product have not been investigated thoroughly.

Fire and Explosion Hazard and Reactivity Data

NOT APPLICABLE

Toxicological Properties

May be harmful by inhalation, ingestion, or skin absorption. The toxicological properties of this product have not been investigated thoroughly. Exercise due caution.

Preventative Measures

Wear chemical safety goggles and compatible chemical-resistant gloves. Avoid inhalation, contact with eyes, skin or clothing.

Spill and Leak Procedures

Observe all federal, state and local environmental regulations.

- Wear protective equipment.
- Absorb on sand or vermiculite and place in closed containers for disposal.
- Dispose or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

First Aid Measures

- If swallowed, wash out mouth with water, provided person is conscious. Call a physician.
- In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. If a rash or other irritation develops, call a physician.
- If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
- In case of eye contact, flush with copious amounts of water for at least 15 minutes while separating the eyelids with fingers. Call a physician.

Authorized: StressMarq Biosciences
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