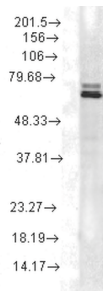


Anti-HSP70 Antibody [2A4] (A305075)

Specifications:

Name:	Anti-HSP70 Antibody [2A4]
Description:	Mouse monoclonal [2A4] antibody to HSP70.
Specificity:	This antibody may detect HSP70, HSC70, and HSP72.
Applications:	WB, IHC, ICC/IF, IP, Antibody Microarray
Recommended Dilutions:	WB: 1:5,000, IHC: 1:100, ICC/IF: 1:100
Reactivity:	Human, Mouse, Rat, Amphibians, Chicken, Fish, Yeast, Drosophila
Immunogen:	Recombinant human HSP70 protein, expressed in and purified from E. coli.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	2A4
Isotype:	IgM
Conjugate:	Unconjugated
Purification:	PEG purification.
Concentration:	1 mg/ml
Molecular Weight:	~70 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline, pH 7.2, with 50% Glycerol and 0.09% Sodium Azide.
Storage:	Store at 4°C. Do not freeze!
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

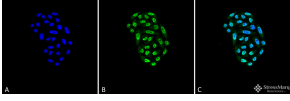
Images:



Western blot analysis of rat Cell lysates showing detection of Hsp70 protein using Anti-HSP70 Antibody [2A4] (A305075) at 1:5,000 for 2 hours at room temperature. Load: 15 µg. Block: 1.5% BSA for 30 minutes at room temperature. The secondary antibody used was Sheep Anti-Mouse IgG: HRP for 1 hour at room temperature.

Anti-HSP70 Antibody [2A4] (A305075)

Images continued:



Immunocytochemistry/Immunofluorescence analysis of human cervical cancer cell line (HeLa), fixed in 4% formaldehyde for 15 min at room temperature, using Anti-HSP70 Antibody [2A4] (A305075), at 1:100 for 60 minutes at room temperature. The secondary antibody used was Goat Anti-Mouse ATTO 488 at 1:100 for 60 minutes at room temperature. Counterstain: DAPI (blue) nuclear stain at 1:5,000 for 5 minutes room temperature. Localization: Nucleus, Cytoplasm. Magnification: 40X.