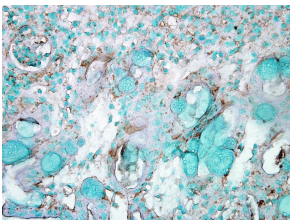


Anti-HSP70 Antibody (A304824)

Specifications:

Name:	Anti-HSP70 Antibody
Description:	Rabbit polyclonal antibody to HSP70.
Applications:	WB, IHC, ICC/IF, IP, ELISA
Recommended Dilutions:	WB: 1:1,000, IHC: 1:100, ICC/IF: 1:100, IP: 1:100
Reactivity:	Human, Mouse, Rat, Beluga, Bovine, Canine, Fish, Carp, Guinea Pig, Hamster, Monkey, Porcine, Sheep, Coral, Plant, Shark, <i>L. amazonensis</i>
Cross Reactivity:	This antibody may cross-react with HSC70 at lower dilutions.
Immunogen:	Recombinant Full length Human HSP70 Protein.
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Peptide affinity purification.
Concentration:	1 mg/ml
Molecular Weight:	~70 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline, pH 7.4, with 50% Glycerol and 0.09% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

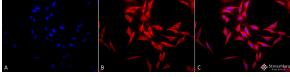
Images:



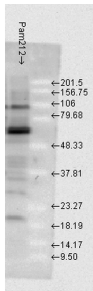
Immunohistochemistry analysis of mouse inflamed colon, fixed in formalin. The Primary Antibody used was Anti-HSP70 Antibody (A304824) at 1:1,000 for 12 hours at 4°C. The secondary antibody used was Biotin Goat Anti-Rabbit at 1:2000 for 1 hour at room temperature. Counterstain: Methyl Green at 200uL for 2 min at room temperature.

Anti-HSP70 Antibody (A304824)

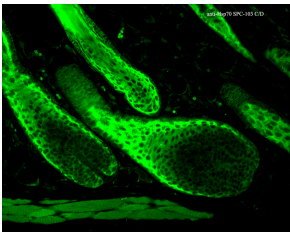
Images continued:



Immunocytochemistry/Immunofluorescence analysis of human heat shocked cervical cancer cell line (HeLa), fixed in 2% formaldehyde for 20 minutes at room temperature, using Anti-HSP70 Antibody (A304824), at 1:100 for 12 hours at 4°C. The secondary antibody used was APC Goat Anti-Rabbit (red) at 1:200 for 2 hours at room temperature. Counterstain: DAPI (blue) nuclear stain at 1:40000 for 2 hours at room temperature. Localization: Cytoplasm. Magnification: 20x. (A) DAPI (blue) nuclear stain. (B) Anti-Hsp70 Antibody. (C) Composite. Heat Shocked at 42°C for 1h.



Western blot analysis of mouse Pam212 cells showing detection of HSP70 protein using Anti-HSP70 Antibody (A304824) at 1:1,000 for 2 hours at room temperature. Load: 15 µg protein. Block: 1.5% BSA for 30 minutes at room temperature. The secondary antibody used was Donkey Anti-Rabbit IgG: HRP for 1 hour at room temperature.



Immunohistochemistry analysis of mouse backskin, fixed in Bouin's fixative solution. The Primary Antibody used was Anti-HSP70 Antibody (A304824) at 1:100 for 1 hour at room temperature. The secondary antibody used was FITC Goat Anti-Rabbit (green) at 1:50 for 1 hour at room temperature. Localization: Cytoplasm.