

Anti-Hsp70 HSPA1A Rabbit Monoclonal Antibody

Catalog Number: M00949

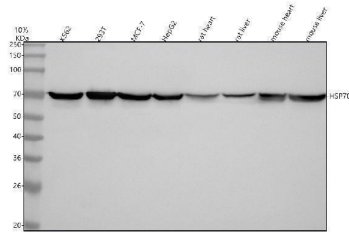
Overview

Product Name	Anti-Hsp70 HSPA1A Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Hsp70 HSPA1A Rabbit Monoclonal Antibody catalog # M00949. Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IF, IHC, ICC, WB
Clonality	Monoclonal DGE-8
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P0DMV8

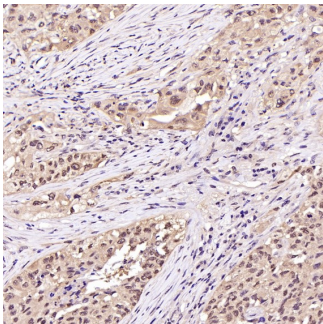
Technical Details

Immunogen	A synthesized peptide derived from human Hsp70
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000 IHC 1:50-200 ICC/IF 1:50-200 FC 1:50

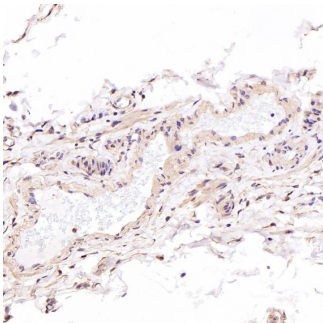
Anti-Hsp70 HSPA1A Rabbit Monoclonal Antibody (M00949) Images



Western blot analysis of Hsp70 using anti-Hsp70 antibody (M00949). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human K562 whole cell lysates, Lane 2: human 293T whole cell lysates, Lane 3: human MCF-7 whole cell lysates, Lane 4: human HepG2 whole cell lysates, Lane 5: rat heart tissue lysates, Lane 6: rat liver tissue lysates, Lane 7: mouse heart tissue lysates, Lane 8: mouse liver tissue lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-Hsp70 antigen affinity purified monoclonal antibody (M00949) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for Hsp70 at approximately 70 kDa. The expected band size for Hsp70 is at 70 kDa.

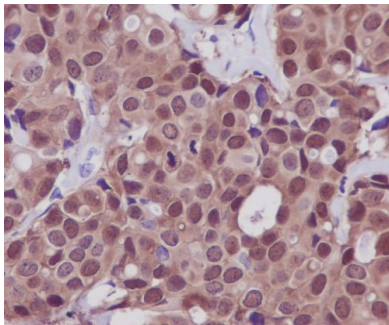
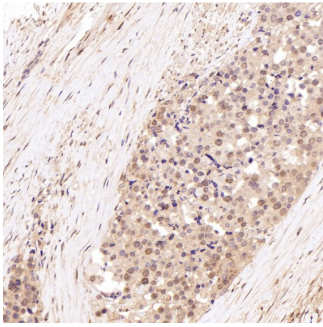


Immunohistochemical analysis of paraffin-embedded Human squamous carcinoma, using the Antibody at 1:200 dilution.

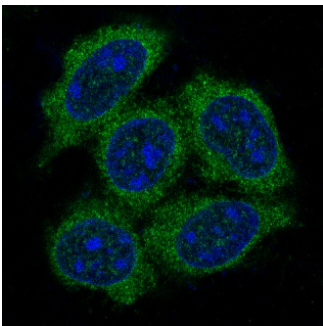


Immunohistochemical analysis of paraffin-embedded Human testis cancer, using the Antibody at 1:200 dilution.

Immunohistochemical analysis of paraffin-embedded Human prostate cancer, using the Antibody at 1:200 dilution.



Immunohistochemical analysis of paraffin-embedded human breast, using Hsp70 Antibody .



Immunofluorescent analysis of HeLa cells, using Hsp70 Antibody .

3 Publications Citing This Product

1. PubMed ID: 15378770, Down-modulation of heat shock protein 70 and up-modulation of Caspase-3 during schisandrin B-induced apoptosis in human hepatoma SMMC-7721 cells
2. PubMed ID: 17465496, Yi Sx, Peng Y, Chang Xr, Peng N, Yan J, Lin Yp. World J Gastroenterol. 2007 Apr 21;13(15):2174-8. Effect Of Pre-Moxibustion On Apoptosis And Proliferation Of Gastric Mucosa Cells.
3. PubMed ID: 26191239, Effects of intracerebral hemorrhage and subsequent minimally invasive hematoma aspiration on expression of apoptosisrelated genes in rats.

Visit bosterbio.com/anti-hsp70-rabbit-monoclonal-antibody-m00949-boster.html to see all 3 publications.

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