

## Anti-Hsp70 HSPA1A Rabbit Monoclonal Antibody

Catalog Number: M00949

### About HSPA1A

Catalyzes the first step in leukotriene biosynthesis, and thereby plays a role in inflammatory processes.

### Overview

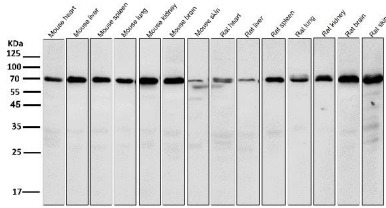
Product Name	Anti-Hsp70 HSPA1A Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Hsp70 HSPA1A Rabbit Monoclonal Antibody catalog # M00949. Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IF, IHC, ICC, WB
Clonality	Monoclonal DGE-8
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
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

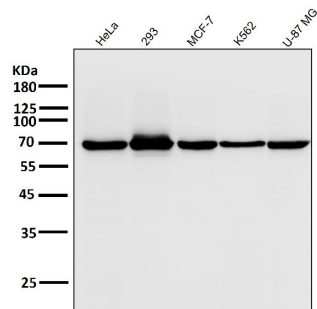
Immunogen	A synthesized peptide derived from human Hsp70
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB 1:500-1:2000 IHC 1:100-1:500 ICC/IF 1:50-1:100</p>

	FC 1:100
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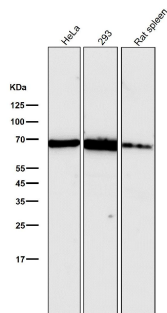
## Anti-Hsp70 HSPA1A Rabbit Monoclonal Antibody (M00949) Images



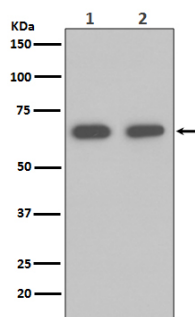
All lanes use the Antibody at 1:6K dilution for 1 hour at room temperature.



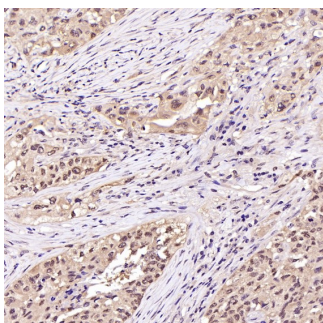
All lanes use the Antibody at 1:6K dilution for 1 hour at room temperature.



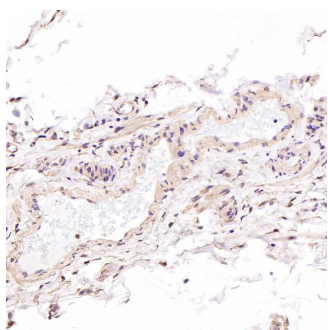
All lanes use the Antibody at 1:1W dilution for 1 hour at room temperature.



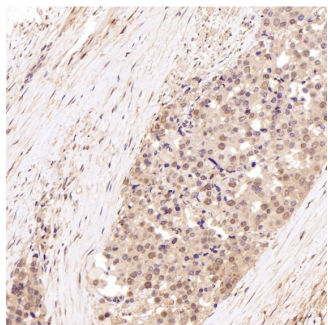
Western blot analysis of HSP70 expression in (1) K562 cell lysate; (2) 293T cell lysate.



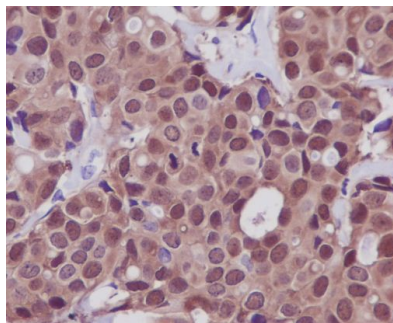
Immunohistochemical analysis of paraffin-embedded Human squamous carcinoma, using the Antibody at 1:200 dilution.



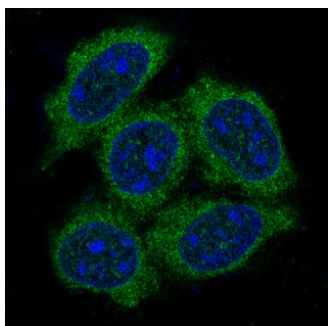
Immunohistochemical analysis of paraffin-embedded Human testis cancer, using the Antibody at 1:200 dilution.



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](https://bosterbio.com/anti-hsp70-rabbit-monoclonal-antibody-m00949-boster.html) to see all 3 publications.

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