

Anti-HSP70 HSPA1L Monoclonal Antibody

Catalog Number: A04286

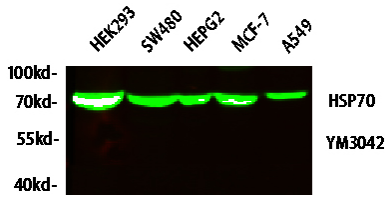
Overview

| | |
|----------------------|--|
| Product Name | Anti-HSP70 HSPA1L Monoclonal Antibody |
| Reactive Species | Human, Mouse, Rat |
| Description | Boster Bio Anti-HSP70 HSPA1L Monoclonal Antibody catalog # A04286. Tested in WB, IHC, IF applications. This antibody reacts with Human, Mouse, Rat. |
| Application | IF, IHC, WB |
| Clonality | Monoclonal 3G1 |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% stabilizing protein and 0.02% sodium azide. *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 | Mouse |
| Uniprot ID | P34931 |

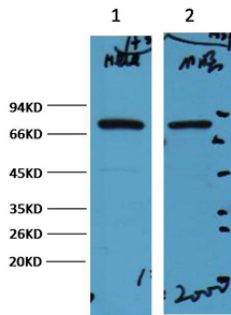
Technical Details

| | |
|---------------------|--|
| Immunogen | Human protein HSP70 at C-terminal |
| Isotype | IgG1 |
| Form | Liquid |
| Concentration | 1 mg/ml |
| Purification | Protein A purified |
| Suggested Dilutions | WB 1:1000-2000 IF 1:100-200 IHC 1:50-300 |

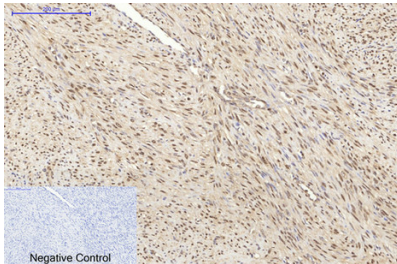
Anti-HSP70 HSPA1L Monoclonal Antibody (A04286) Images



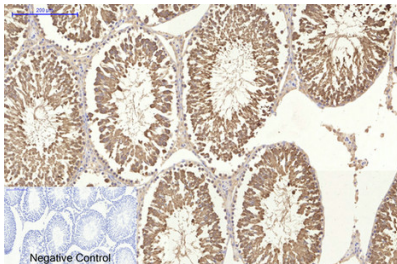
Western blot analysis of lysates from HT-29, NIH/3T3, and HepG2 cells, primary antibody was diluted at 1:1000, 4° over night, secondary antibody was diluted at 1:10000, 37° 1hour.



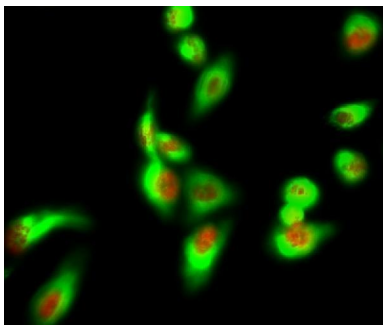
Western blot analysis of 1) HeLa, 2) Mouse Brain, diluted at 1:2000.



Immunohistochemical analysis of paraffin-embedded Human-uterus-cancer tissue. 1, HSP70 Monoclonal Antibody (3G10) was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.

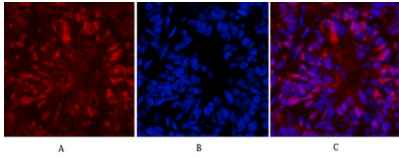


Immunohistochemical analysis of paraffin-embedded Rat-testis tissue. 1, HSP70 Monoclonal Antibody (3G10) was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.

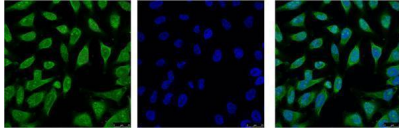


Immunofluorescence analysis of HeLa cell. 1, AIM2 Polyclonal Antibody (red) was diluted at 1:200 (4° overnight). HSP70 Monoclonal Antibody (3G10) (green) was diluted at 1:200 (4° overnight). 2, Goat Anti Rabbit Alexa Fluor 594 was diluted at 1:1000 (room temperature, 50min). Goat Anti Mouse Alexa Fluor 488 was diluted at 1:1000 (room temperature, 50min).

Immunofluorescence analysis of Mouse-lung tissue. 1, HSP70 Monoclonal Antibody (3G10) (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 labeled Secondary antibody was diluted at



1:300 (room temperature, 50min).3, Picture B: DAPI (blue)
10min. Picture A:Target. Picture B: DAPI. Picture C: merge of
A+B



IF analysis of HeLa with antibody (Left) and DAPI (Right)
diluted at 1:100.

2 Publications Citing This Product

1. PubMed ID: -, Wang,D.,Ripley-Gonzalez,J.W.& Hu,Y.Aerobic Physical Training Protects the Rat Brain Against Exercise-Heat Related Oxidative Damage through the Increased Expression of HSP70.Neurophysiology 51,66–71(2019).<https://doi.org/10.1007/s11062-019-09794-9>

2. PubMed ID: 4724930, Purification of heat shock protein 70-associated tumor peptides and its antitumor immunity on hepatoma in mice

Visit bosterbio.com/anti-hsp70-antibody-a04286-boster.html to see all 2 publications.

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