HSP70 recombinant monoclonal antibody (001)

This antibody is covered by our Worry-Free Guarantee.

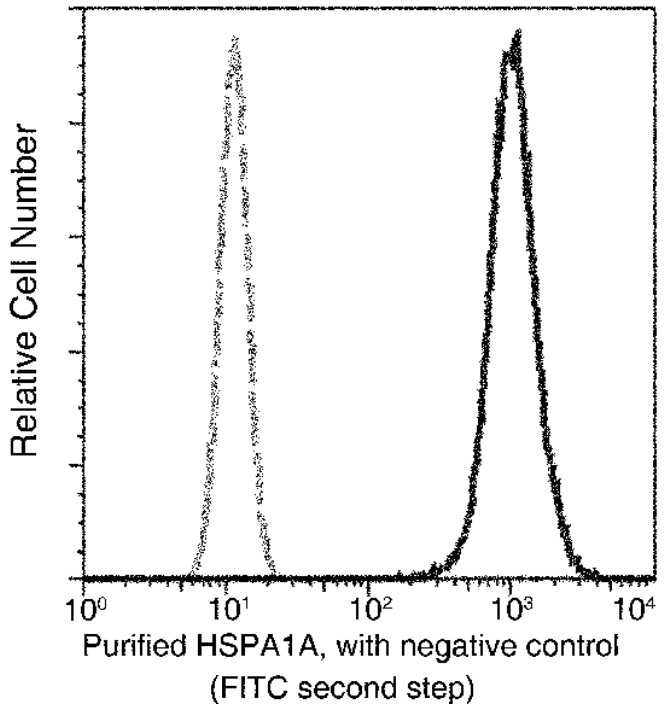
Ordering Information

Order Online »

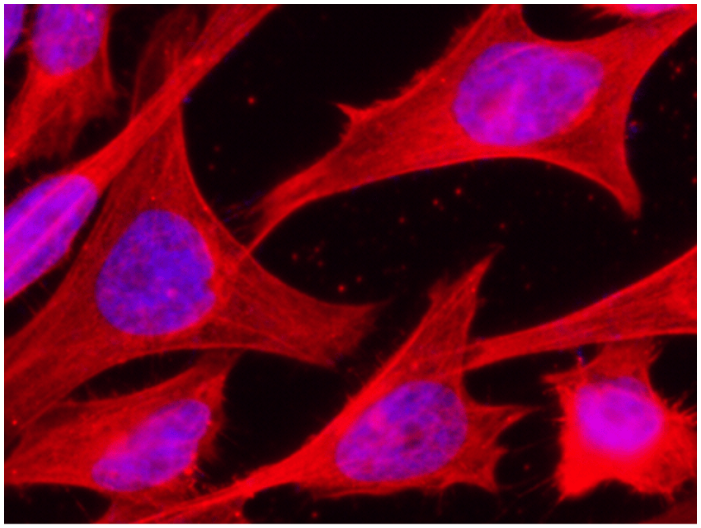
ENZ-ABS982-0100	100µl

Manuals, SDS & CofA

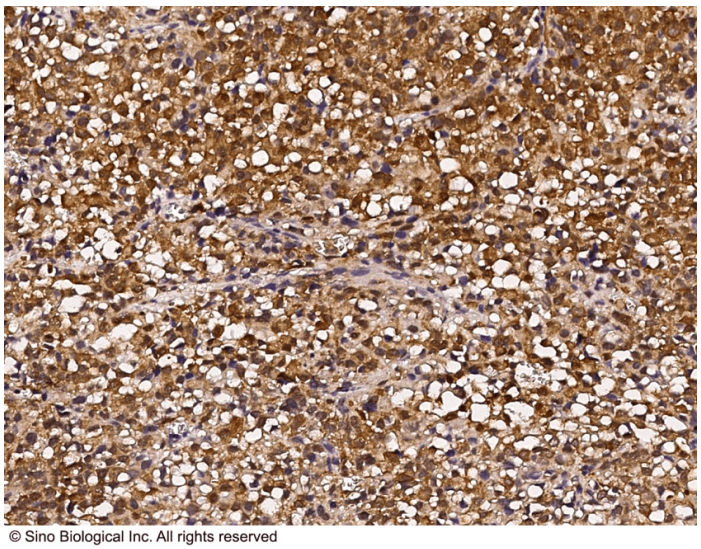
View Online »



Flow cytometric analysis of Human HSPA1A expression on HeLa cells. The cells were treated and stained with purified anti-Human HSPA1A, then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.

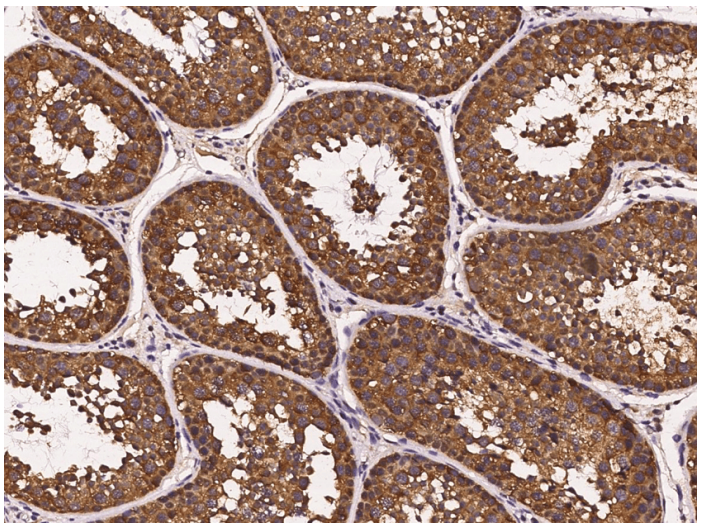


Immunofluorescence staining of Human HSPA1A in Hela cells. Cells were fixed with 4% PFA, permeabilzed with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human HSPA1A monoclonal antibody (1:60) at 37 1 hour. Then cells were stained with the Alexa Fluor® 594-conjugated goat Anti-rabbit IgG secondary antibody (red) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm.

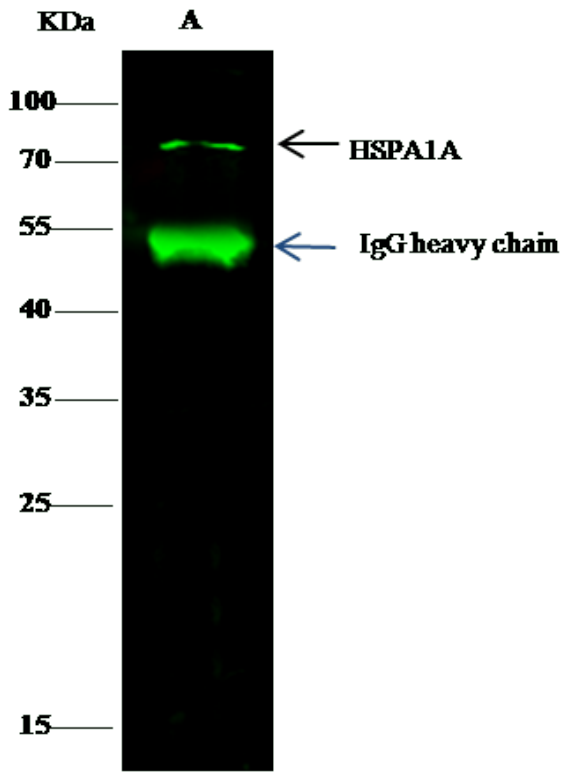


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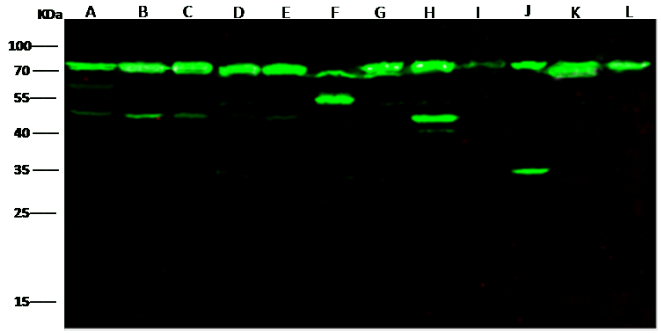
Immunochemical staining of HSPA1A in human hepatoma with rabbit monoclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



Immunochemical staining of HSPA1A in cynomolgus macaque testis with rabbit monoclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



HSPA1A was immunoprecipitated using: Lane A:0.5 mg Hela Whole Cell Lysate, 2 µL anti-HSPA1A rabbit monoclonal antibody and 15 µl of 50 % Protein G agarose. Primary antibody: Anti-HSPA1A rabbit monoclonal antibody,at 1:200 dilution Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution. Developed using the odssey technique. Performed under reducing conditions. Observed band size: 70 kDa.



Anti-HSPA1A rabbit monoclonal antibody at 1:500 dilution. Lane A: A549 whole cell lysate. Lane B: HCT116 whole cell lysate. Lane C: Hela whole cell lysate. Lane D: HepG2 whole cell lysate. Lane E: HL60 whole cell lysate. Lane F: A431 whole cell lysate. Lane G: MCF7 whole cell lysate. Lane H: K562 whole cell lysate. Lane I: C6 whole cell lysate. Lane J: 293T whole cell lysate. Lane K: MOLT4 whole cell lysate. Lane L: Jurkat whole cell lysate. Lysates/proteins at 30 µg per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Observed band size:70 kDa.

Handling & Storage

Handling	Protected from light. Avoid freeze-thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	HSPA1A, Heat shock protein 70
Application	ELISA, ICC, IF, IHC (PS), IP, WB
Clone	001
Formulation	Liquid. 0.2 µm filtered solution in PBS. Preservative free.
Host	Rabbit
Immunogen	Recombinant human HSP70 / HSPA1A protein.
Isotype	IgG
Purity Detail	Protein A purified.
Recommendation Dilutions/Conditions	Western Blot (1:500-1:1’000)ELISA (1:5’000-1:10’000)Immunohistochemistry (paraffin sections) (1:500-1:2’000)Immunocytochemistry (1:20-1:100)Immunofluorescence (1:20-1:100)Immunoprecipitation (1-4µl/mg of lysate)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Species Reactivity	Human
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee**

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Last modified: September 17, 2024

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