

HSP70 Antibody, Mouse MAb



Sino Biological
Biological Solution Specialist

Catalog Number: 11660-MM14

GENERAL INFORMATION

Immunogen:	Recombinant Human HSP70 Protein (Catalog#11660-H07B)
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human HSP70 (rh HSP70; Catalog#11660-H07B; NP_005337.2; Ala2-Asp641). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Ig Type:	Mouse IgG2a
Clone ID:	14
Specificity:	Human HSP70
Formulation:	0.2 µm filtered solution in PBS
Storage:	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

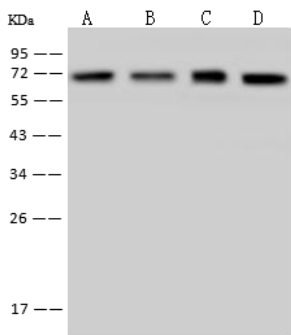
APPLICATIONS

Applications:	WB, ELISA, IP
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RECOMMENDED CONCENTRATION

Western Blot	WB: 1:500-1:2000
ELISA	ELISA: 1:1000-1:2000
IP	IP: 0.5-2 µL/mg of lysate

Please Note: Optimal concentrations/dilutions should be determined by the end user.



Anti-HSPA1A mouse monoclonal antibody at 1:500 dilution

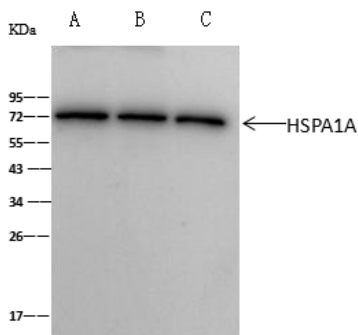
Lane A: A431 Whole Cell Lysate
Lane B: A549 Whole Cell Lysate
Lane C: HCT116 Whole Cell Lysate
Lane D: Hela Whole Cell Lysate

Lysates/proteins at 30 µg per lane.
Secondary
Goat Anti-Mouse IgG (H+L)/HRP at 1/10000 dilution.

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 70 kDa
Observed band size: 70 kDa



HSPA1A was immunoprecipitated using:
Lane A: 0.5 mg A431 Whole Cell Lysate
Lane B: 0.5 mg A549, Hela Whole Cell Lysate

2 µL anti-HSPA1A mouse monoclonal antibody and 60 µg of Immunomagnetic beads Protein A/G.

Primary antibody:
Anti-HSPA1A mouse monoclonal antibody, at 1:100 dilution

Secondary antibody:
Clean-Blot IP Detection Reagent (HRP) at 1:1000 dilution

Developed using the ECL technique.
Performed under reducing conditions.

Predicted band size: 70 kDa
Observed band size: 71 kDa

Manufactured By Sino Biological Inc., FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.

Fax :+86-10-58628220 • Tel: +86-400-890-9989 • <http://www.sinobiological.com>