Anti-Hsp70 1A Mouse mAb

Purified Mouse Monoclonal Antibody

Catalog # M012769

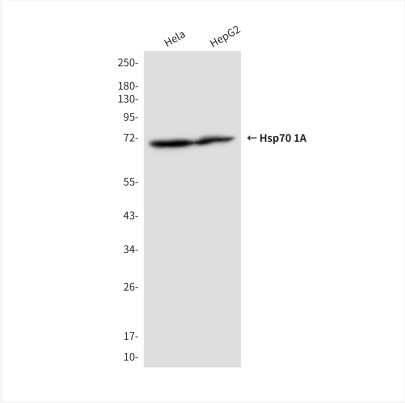
Product Information

Application	WB, ICC/IF (Cell), ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000; IF 1:50~1:200
Host	Mouse
Clonality	Monoclonal
Clone No.	25K17L52
Isotype	IgG1
Label	Unconjugated
Immunogen	Purified recombinant human Hsp70(N-terminus) protein fragments expressed in E.coli.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20℃. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20℃ storage.
Precautions	Anti-Hsp70 1A antibody [25K17L52] is for research use only and not for use in diagnostic or therapeutic procedures.

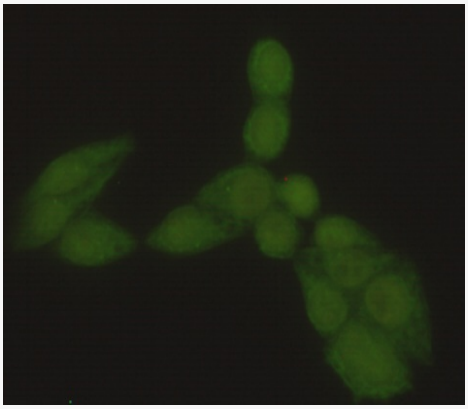
Protein Information

Synonyms	HSP72, HSPA1, HSP70I, HSPA1B, HSP70-1, HSP70-1A.
Calculated MW	Calculated MW: 70 kDa; Observed MW: 70 kDa
Uniprot ID	P0DMV8
Gene ID	3303
Background	In conjuction with other heat shock proteins, this protein stabilizes existing proteins against aggregation and mediates the folding of newly translated proteins in the cytosol and in organelles. It is also involved in the ubiquitin-proteasome pathway through interaction with the AU-rich element RNA-binding protein 1. The gene is located in the major histocompatibility complex class III region, in a cluster with two closely related genes which encode similar proteins.

Validation Images



Western blot analysis of Hsp70 in Hela and HepG2 lysates using Hsp70 (Nterminus) antibody [25K17L52].



Immunocytochemistry analysis of Hsp70 1A in Hela using Hsp70 (Nterminus) antibody [25K17L52].