



HSP70 (N-term)

Mouse monoclonal Antibody

#53565

Catalog Number: 53565

Amount: 100µg/100µl

Swiss-Prot No. : P08107

Gene name: hspala

Gene id: 3303

Clone Number: 2D4-F7-C11

Form of Antibody: Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol

Storage/Stability: Store at -20°C/1 year

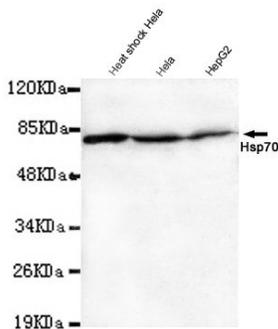
Immunogen: Purified recombinant human HSP70(N-term) protein fragments expressed in E.coli.

Purification: affinity-chromatography

Specificity/Sensitivity: This antibody detects endogenous levels of HSP70 and does not cross-react with related proteins

Reactivity: Human

Applications: Predicted MW: 70 kd WB: 1:1000 ICC:1:300



Western blot detection of Hsp70(N-terminus) in Heat shock HeLa, HeLa and HepG2 lysates using Hsp70(N-terminus) mouse mAb (1:1000 diluted). Predicted band size: 70KDa. Observed band size: 70KDa.

Background :

This intronless gene encodes a 70kDa heat shock protein which is a member of the heat shock protein 70 family. In conjunction 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.

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