



## HSP70 (C-term)

### Mouse monoclonal Antibody

#53163

**Catalog Number:** 53163

**Amount:** 100µg/100µl

**Swiss-Prot No. :** P08107

**Gene name:** hspala

**Gene id:** 3303

**Clone Number:** 2A11-F3-G12

**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

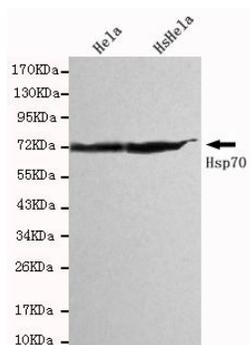
**Immunogen:** Purified recombinant human HSP70(C-term) protein fragments expressed in E.coli.

**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



Western blot detection of Hsp70(C-terminus) in HeLa and HsHeLa cell lysates using Hsp70(C-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.