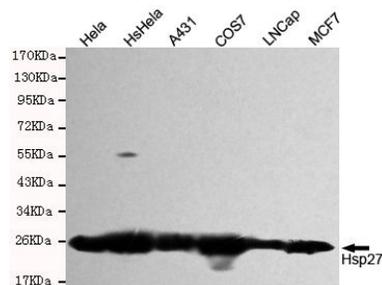




Hsp27

Mouse monoclonal Antibody

#53305

**Catalog Number:** 53305**Amount:** 100µg/100µl**Swiss-Prot No. :** P04792**Gene name:** hspb1**Gene id:** 3315**Clone Number:** 7E5-1F9-D9**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 Hsp27 protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of Hsp27 and does not cross-react with related proteins**Reactivity:** Human, Monkey**Applications:** Predicted MW: 27kd WB: 1:1000 ICC:1:300

Western blot detection of Hsp27 in HeLa, HsHela, A431, COS7, Lncap and MCF7 cell lysates and using Hsp27 mouse mAb (1:1000 diluted). Predicted band size: 23KDa. Observed band size: 27KDa.

### Background:

The protein encoded by this gene is induced by environmental stress and developmental changes. The encoded protein is involved in stress resistance and actin organization and translocates from the cytoplasm to the nucleus upon stress induction. Defects in this gene are a cause of Charcot-Marie-Tooth disease type 2F (CMT2F) and distal hereditary motor neuropathy (dHMN).