

**Hsp27 (9G1) Mouse mAb**

db6602

Package : 50µL 100µL

**Product Name** : Hsp27 (9G1) Mouse mAb**Cat.No.:** db6602**Synonyms** : Heat shock protein 27; CMT2F; HSP B1; HSP28; SRP27; Stress responsive protein 27**Application** : WB, IHC-P**Reactivity** : Human**Host species** : Mouse**Background**

Small heat shock protein which functions as a molecular chaperone probably maintaining denatured proteins in a folding-competent state (PubMed/10383393, PubMed/20178975). Plays a role in stress resistance and actin organization (PubMed/19166925). Through its molecular chaperone activity may regulate numerous biological processes including the phosphorylation and the axonal transport of neurofilament proteins (PubMed/23728742).

**Immunogen**

Purified recombinant protein expressed in E.coli

**Gene ID**

3315

**Swiss Prot**

P04792

**Synonyms**

Heat shock protein 27; CMT2F; HSP B1; HSP28; SRP27; Stress responsive protein 27

**Reactivity**

Human

**Application**

WB, IHC-P

**Recommended dilution**

WB: 1:500-1:1000

IHC: 1:50-1:100

**Calculated MW**

23 kDa

**Observed MW**

27 kDa

**Host species**

Mouse

**Clonality**

Monoclonal

**Clonality No.**

9G1-4D1-2G2

**Isotype**

IgG1

**Purity**

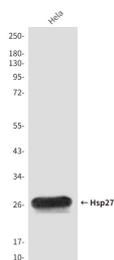
Affinity Purification

**Conjugation**

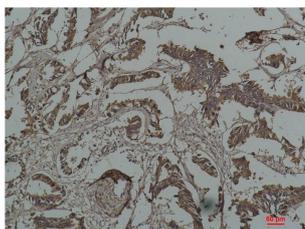
Un-conjugated

**Storage Stability**

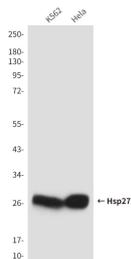
Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA .  
 Stable for 12 months from date of receipt.



Western blot analysis of Hsp27 (9G1) in HeLa lysates using Hsp27 (9G1) antibody.



Immunohistochemistry analysis of paraffin-embedded Human Breast Carcinoma using HSP27 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of Hsp27 (9G1) in K562, HeLa lysates using HSP27 (9G1) antibody.