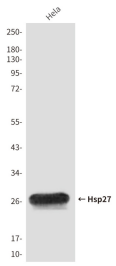
Hsp27 (9G1) Mouse mAb

db6602 **Package : 50μL 100μL**

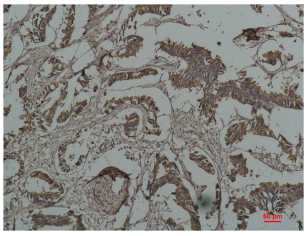
Product Name : Hsp27 (9G1) Mouse mAb
Cat.No.: db6602
Synonyms : Heat shock protein 27; CMT2F; HSP B1; HSP28; SRP27; Stress responsive protein 27
Application : WB, IHC-P
Reactivity : Human
Host species : Mouse

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

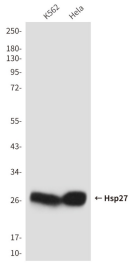
Storage Stability Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



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



Immunohistochemistry analysis of paraffin-embedded Human Breast Caricnoma 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.