

HSP27 Mouse Monoclonal Antibody(Mix-mA)

Catalog No: RA10027

Basic Information

Host species	Mouse
Applications	WB, IHC
Species Cross-Reactivity	H
Specificity	Antibody can detects endogenous HSP27 protein.
Recommended dilutions	WB: 1:1,000-2,000 IHC: 1:100-200 Optimal dilutions should be determined by the end user.

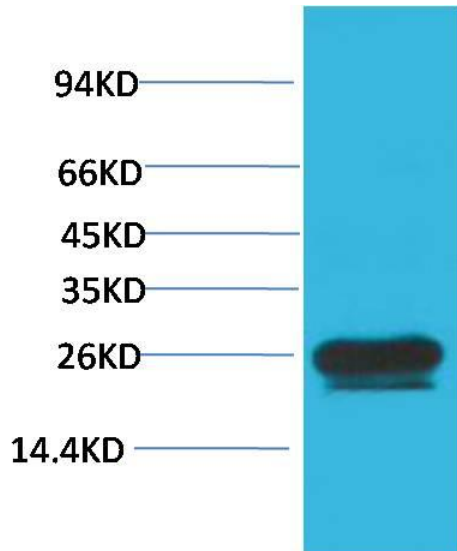
Applications

Formulation	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Clonality	Monoclonal

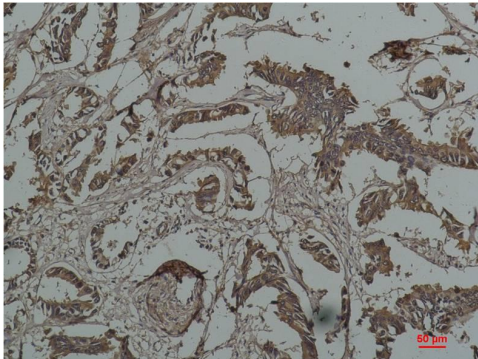
Background

Alternative Names	Heat shock protein 27, CMT2F, HSP B1, HSP28, SRP27, Stress responsive protein 27
Observed band	27
Human Gene ID	3315
Human Swiss-Prot Number	P04792
Background	Heat shock protein 27 (Hsp27) also known as heat shock protein beta-1 (HSPB1) is a protein that in humans is encoded by the HSPB1 gene. Hsp27 is a chaperone of the sHsp (small heat shock protein) group among ubiquitin, α -crystallin, Hsp20 and others. Involved in stress resistance and actin organization.

Selected Validation Data



Western blot analysis of Hela with HSP27 Mouse mAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma using HSP27 Mouse mAb diluted at 1:200.