



ELK Biotechnology

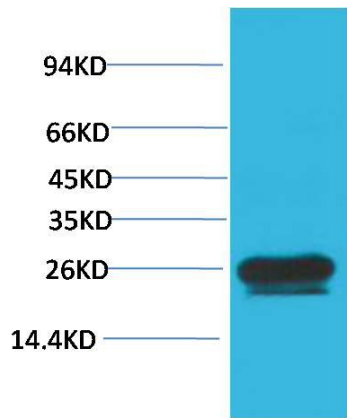
HSP27 Mouse mAb

Catalog NO.: EM1192

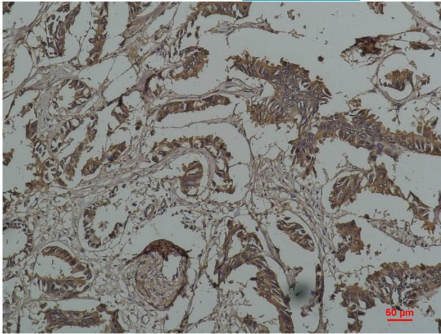
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Overview

Product name	HSP27 Mouse Monoclonal antibody
Source	Mouse
Applications	WB IHC
Species reactivity	Human
Recommended dilutions	WesternBlot:1/1000-2000 Immunohistochemistry:1/100-200 NOTE: Optimal dilutions should be determined by the end user.
Immunogen	Recombinant Protein
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG1
Clonality	Monoclonal
Concentration	1 mg/ml
Observed band	27kDa
GenelD (Human)	3315
Human Swiss-Prot No.	P04792
Cellular localization	Cytoplasm Cytoskeleton Nucleus
Alternative Names	Heat shock protein 27 CMT2F HSP B1 HSP28 SRP27 Stress responsive protein 27
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.



Western blot analysis of Hela with HSP27 Mouse mAb EM1192 diluted at:2000.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma using HSP27 (EM1192) Mouse mAb diluted at:200.