

## HSP27 Mouse Monoclonal Antibody(Mix-mA)

Catalog	TDY443C	TDY443F	Tel: 010-82908854
			Free: 400-0620-621
Quantity	50μL	100μL	Entrez-Gene ID#3315 , Swiss-Prot Acc.#P04792

**For research use only.**

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, IHC	H	27KD	IgG1

**Storage Buffer & Condition:** PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.

Store at **-20°C**. **Do not aliquot the antibody.**

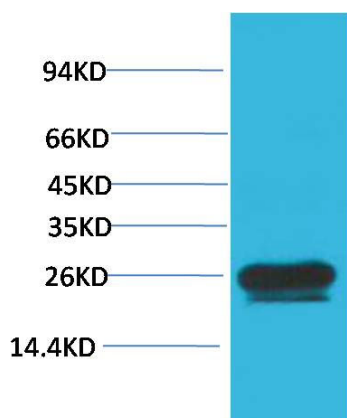
**Recommended dilutions:** WB: 1:1,000-2,000 IHC: 1:100-200

**Optimal dilutions should be determined by the end user.**

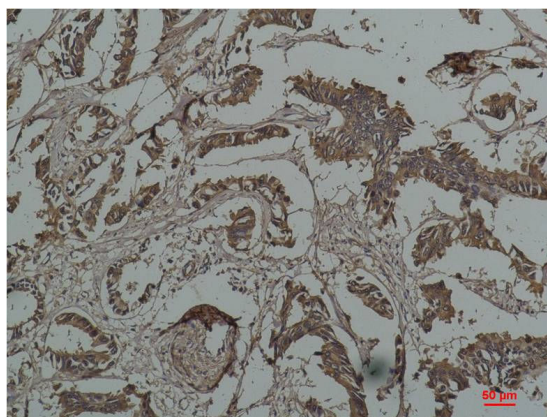
**Specificity:** Antibody can detects endogenous HSP27 protein.

**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 TDY443 diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma using HSP27 (TDY443) Mouse mAb diluted at 1:200.