

## Product datasheet for **TA309366**

### HSP27 (HSPB1) Mouse Monoclonal Antibody [Clone ID: 5D12-A12]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	5D12-A12
Applications:	FC
Recommended Dilution:	FC
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b, kappa
Clonality:	Monoclonal
Immunogen:	Human Hsp27
Formulation:	PBS pH7.2, 50% glycerol
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	heat shock protein family B (small) member 1
Database Link:	<a href="#">NP_001531</a> <a href="#">Entrez Gene 3315 Human P04792</a>

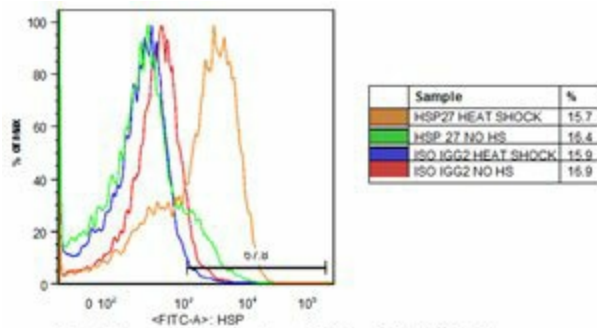
**Background:** The protein encoded by this gene is induced by environmental stress and developmental changes. The encoded protein is involved in stress resistance and actin organization and translocates from the cytoplasm to the nucleus upon stress induction. Defects in this gene are a cause of Charcot-Marie-Tooth disease type 2F (CMT2F) and distal hereditary motor neuropathy (dHMN). [provided by RefSeq]

**Synonyms:** CMT2F; HEL-S-102; HMN2B; HS.76067; Hsp25; HSP27; HSP28; SRP27

**Protein Pathways:** MAPK signaling pathway, VEGF signaling pathway



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**Product images:**

FACS analysis. Anti-Hsp27-FITC staining on heat shock treated CD3+CD8+ T cells

FACS analysis. Anti-Hsp270-FITC staining on heat shock treated CD3+CD8+ T cells.