

## HSP27 Mouse mAb

Cat No: HR1AM2303

For research use only

### Overview

|                       |                                                                                                                                                                                                                                                                                                                          |
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| Product Name          | HSP27 Mouse mAb                                                                                                                                                                                                                                                                                                          |
| Source                | Mouse                                                                                                                                                                                                                                                                                                                    |
| Applications          | WB, IHC                                                                                                                                                                                                                                                                                                                  |
| Species Reactivity    | Human                                                                                                                                                                                                                                                                                                                    |
| Recommended Dilutions | WB 1:1,000-2,000 IHC 1:100-200                                                                                                                                                                                                                                                                                           |
| Immunogen             |                                                                                                                                                                                                                                                                                                                          |
| Species               | Mouse                                                                                                                                                                                                                                                                                                                    |
| 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         | 1mg/ml                                                                                                                                                                                                                                                                                                                   |
| Observed band         | 27kDa                                                                                                                                                                                                                                                                                                                    |
| GeneID?Human?         | 3315                                                                                                                                                                                                                                                                                                                     |
| Human Swiss-Prot No.  |                                                                                                                                                                                                                                                                                                                          |
| Cellular localization |                                                                                                                                                                                                                                                                                                                          |
| 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, $\alpha$ -crystallin, Hsp20 and others. Involved in stress resistance and actin organization. |