

## Product Datasheet

### HSP70 antibody (orb146739)

**Description**

Mouse monoclonal to Hsp70 (PerCP). Hsp70

|                            |                                                                                                                                                                                                 |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | hsps (hsp70s). ...                                                                                                                                                                              |
| <b>Species/Host</b>        | Mouse                                                                                                                                                                                           |
| <b>Reactivity</b>          | Bovine, Canine, Drosophila, Fish, Gallus, Guinea pig, Hamster, Human, Monkey, Mouse, Other, Porcine, Rabbit, Rat, Sheep                                                                         |
| <b>Conjugation</b>         | PerCP                                                                                                                                                                                           |
| <b>Tested Applications</b> | AM, Blocking, ELISA, FACS, FC, ICC, IEM, IHC, WB                                                                                                                                                |
| <b>Immunogen</b>           | Human HSP70                                                                                                                                                                                     |
| <b>Target</b>              | HSP70                                                                                                                                                                                           |
| <b>Preservatives</b>       | PBS pH 7.4, 50% glycerol, 0.1% sodium azide<br>*Storage buffer may change when conjugated                                                                                                       |
| <b>Concentration</b>       | 1 mg/ml                                                                                                                                                                                         |
| <b>Storage</b>             | Conjugated antibodies should be stored at 4°C                                                                                                                                                   |
| <b>Note</b>                | For research use only                                                                                                                                                                           |
| <b>Application notes</b>   | 1 µg/ml of SMC-100 was sufficient for detection of HSP70 in 20 µg of heat shocked HeLa cell lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody. |
| <b>Isotype</b>             | IgG1                                                                                                                                                                                            |
| <b>Clonality</b>           | Monoclonal                                                                                                                                                                                      |
| <b>MW</b>                  | 70kDa                                                                                                                                                                                           |
| <b>Uniprot ID</b>          | <a href="#">P0DMV8</a> , <a href="#">P0DMV9</a>                                                                                                                                                 |
| <b>NCBI</b>                | <a href="#">NP_005336.3</a>                                                                                                                                                                     |
| <b>Entrez</b>              | <a href="#">3303</a>                                                                                                                                                                            |
| <b>Dilution Range</b>      | WB (1:1000), IHC (1:10000), ICC/IF (1:1000), FACS (1:1000)                                                                                                                                      |
| <b>Expiration Date</b>     | 12 months from date of receipt.                                                                                                                                                                 |