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## Product Datasheet

### **HSP27(G3.1), CF640R conjugate, 0.1mg/mL, Clone: [G3.1], Mouse, Monoclonal BOT-BNC400861-500**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | HSP27(G3.1), CF640R conjugate, 0.1mg/mL, Clone: [G3.1], Mouse, Monoclonal                                                                                                                                                                                     |
| Biozol Catalog Number      | BOT-BNC400861-500                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | BNC400861-500                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BOT-BNC400861-500-500UL                                                                                                                                                                                                                                       |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FC, IF, IHC, IP, WB                                                                                                                                                                                                                                           |
| Species Reactivity         | Gallus, Human, Monkey, Mouse, Primate, Rat, Sheep                                                                                                                                                                                                             |
| Immunogen                  | Partially purified hsp27 (earlier called 24K) protein from breast cancer MCF-7 cells.                                                                                                                                                                         |
| Conjugation                | CF640R                                                                                                                                                                                                                                                        |
| Product Description        | This MAb reacts specifically with heat shock protein HSP27 in human and monkey tissues and cell lines such as MCF-7. HSP27, also referred to as the Estrogen-Regulated 24K protein and HSP28, is one of several small heat shock proteins produced by all ... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [G3.1]                                                                                                                                                                                                                                                        |

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|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight  | 27 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| UniProt           | <a href="#">P04792</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Buffer            | PBS, 0.1% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Application Notes | <p>Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunofluorescence: 0.5-1 ug/mL Immunohistology formalin-fixed 0.5-1 ug/mL Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes Flow Cytometry 0.5-1 ug/million cells/0.1 mL Western blotting 0.25-0.5 ug/mL Optimal dilution for a specific application should be determined by user</p> |