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## Product Datasheet

### **Growth Hormone (Pituitary Marker) (GH/1450), 0.2mg/mL, IgG2b, Clone: [GH/1450], Mouse, Monoclonal BOT-BNUB1450-100**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Growth Hormone (Pituitary Marker) (GH/1450), 0.2mg/mL, IgG2b, Clone: [GH/1450], Mouse, Monoclonal                                                                                                                                                             |
| Biozol Catalog Number      | BOT-BNUB1450-100                                                                                                                                                                                                                                              |
| Supplier Catalog Number    | BNUB1450-100                                                                                                                                                                                                                                                  |
| Alternative Catalog Number | BOT-BNUB1450-100-100UL                                                                                                                                                                                                                                        |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | A recombinant human Growth Hormone (GH) fragment (aa58-187) (exact sequence is proprietary)                                                                                                                                                                   |
| Product Description        | Pituitary growth hormone (GH) plays a crucial role in stimulating and controlling the growth, metabolism and differentiation of many mammalian cell types by modulating the synthesis of multiple mRNA species. These effects are mediated by the binding ... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.2 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [GH/1450]                                                                                                                                                                                                                                                     |
| Molecular Weight           | 20 kDa                                                                                                                                                                                                                                                        |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Isotype           | IgG2b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| UniProt           | <a href="#">P01241</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Buffer            | PBS, 0.05% 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: 1-2 ug/mL Immunohistology (formalin): 0.5-1 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min Flow Cytometry 0.5-1 ug/million cells/0.1 mL Optimal dilution for a specific application should be determined by user</p> |