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## Product Datasheet

### **EGFR(GFR1195 + 31G7), 0.2mg/mL, Clone: [GFR1195 31G7], Mouse, Monoclonal BOT-BNUB1200-500**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | EGFR(GFR1195 + 31G7), 0.2mg/mL, Clone: [GFR1195 31G7], Mouse, Monoclonal                                                                                                                                                                                      |
| Biozol Catalog Number      | BOT-BNUB1200-500                                                                                                                                                                                                                                              |
| Supplier Catalog Number    | BNUB1200-500                                                                                                                                                                                                                                                  |
| Alternative Catalog Number | BOT-BNUB1200-500-500UL                                                                                                                                                                                                                                        |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Human EGFR purified from A431 cells (31G7), Recombinant human EGFR protein (GFR1195)                                                                                                                                                                          |
| Product Description        | This MAb recognizes a protein of 170 kDa, identified as EGFR. EGFR is type I receptor tyrosine kinase with sequence homology to erbB-1, -2, -3 -4 or HER-1, -2, -3 -4. It binds to Epidermal Growth Factor (EGF), Transforming Growth Factor-α (TGF-α), He... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.2 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [GFR1195 31G7]                                                                                                                                                                                                                                                |
| Molecular Weight           | ~170 kDa (wild type) and ~145 kDa (vIII variant)                                                                                                                                                                                                              |

|                   |                                                                                                                                                                                                                                                                                                    |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt           | <a href="#">P00533</a>                                                                                                                                                                                                                                                                             |
| Buffer            | PBS, 0.05% BSA, 0.05% azide                                                                                                                                                                                                                                                                        |
| Source            | Animal                                                                                                                                                                                                                                                                                             |
| Application Notes | Immunohistology formalin-fixed 2-4 ug/mL Digest formalin-fixed tissues with Protease Sigma Cat. P-6911 at 1 mg/mL PBS, pH 7.4 for 10 min at 37C Flow Cytometry 0.5-1 ug/million cells/0.1 mL Immunofluorescence 1-2 ug/mL Optimal dilution for a specific application should be determined by user |