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## Product Datasheet

### **EGFR (Epidermal Growth Factor Receptor) (GFR/1667), 1mg/mL, IgG1, Clone: [GFR/1667], Mouse, Monoclonal BOT-BNUM1667-50**

|                          |                                                                                                                                                                                                                                                                                |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | EGFR (Epidermal Growth Factor Receptor) (GFR/1667), 1mg/mL, IgG1, Clone: [GFR/1667], Mouse, Monoclonal                                                                                                                                                                         |
| Artikelnummer            | BOT-BNUM1667-50                                                                                                                                                                                                                                                                |
| Hersteller Artikelnummer | BNUM1667-50                                                                                                                                                                                                                                                                    |
| Alternativnummer         | BOT-BNUM1667-50-50UL                                                                                                                                                                                                                                                           |
| Hersteller               | Biotium                                                                                                                                                                                                                                                                        |
| Wirt                     | Mouse                                                                                                                                                                                                                                                                          |
| Kategorie                | Antikörper                                                                                                                                                                                                                                                                     |
| Applikation              | IHC, WB                                                                                                                                                                                                                                                                        |
| Spezies Reaktivität      | Human                                                                                                                                                                                                                                                                          |
| Immunogen                | Recombinant human full-length EGFR protein                                                                                                                                                                                                                                     |
| Produktbeschreibung      | 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- $\alpha$ (TGF- $\alpha$ ), He... |
| Klonalität               | Monoclonal                                                                                                                                                                                                                                                                     |
| Konzentration            | 1 mg/mL                                                                                                                                                                                                                                                                        |
| Klon-Bezeichnung         | [GFR/1667]                                                                                                                                                                                                                                                                     |
| Molekulargewicht         | ~145 kDa (vIII variant) ~170 kDa (wild type)                                                                                                                                                                                                                                   |

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Isotyp                 | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| UniProt                | <a href="#">P00533</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Puffer                 | PBS, no BSA, no azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Quelle                 | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Anwendungsbeschreibung | <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) 1-2 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> |