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## Product Datasheet

### **EGFR (Epidermal Growth Factor Receptor) (GFR/2341), 1mg/mL, Clone: [GFR/2341], Mouse, Monoclonal BOT-BNUM2341-50**

|                          |                                                                                                                                                                                                                                                                                |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | EGFR (Epidermal Growth Factor Receptor) (GFR/2341), 1mg/mL, Clone: [GFR/2341], Mouse, Monoclonal                                                                                                                                                                               |
| Artikelnummer            | BOT-BNUM2341-50                                                                                                                                                                                                                                                                |
| Hersteller Artikelnummer | BNUM2341-50                                                                                                                                                                                                                                                                    |
| Alternativnummer         | BOT-BNUM2341-50-50UL                                                                                                                                                                                                                                                           |
| Hersteller               | Biotium                                                                                                                                                                                                                                                                        |
| Wirt                     | Mouse                                                                                                                                                                                                                                                                          |
| Kategorie                | Antikörper                                                                                                                                                                                                                                                                     |
| Applikation              | IHC, WB                                                                                                                                                                                                                                                                        |
| Spezies Reaktivität      | Human                                                                                                                                                                                                                                                                          |
| Immunogen                | Recombinant fragment of human EGFR protein (around aa 344-492) (exact sequence is proprietary)                                                                                                                                                                                 |
| 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/2341]                                                                                                                                                                                                                                                                     |

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|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molekulargewicht       | ~170 kDa (wild type) and ~145 kDa (vIII variant)                                                                                                                                                                                                                                                                                                                                                                                                    |
| UniProt                | <a href="#">P00533</a>                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Puffer                 | PBS, no BSA, no azide                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Quelle                 | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Anwendungsbeschreibung | Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunohistology (formalin): 1-2 ug/mL for 30 minutes at RT Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 minutes followed by cooling at RT for 20 minutes Optimal dilution for a specific application should be determined by user |