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## Product Datasheet

### **EGFR (Epidermal Growth Factor Receptor) (GFR/1708), 0.2mg/mL, IgG1, Clone: [GFR/1708], Mouse, Monoclonal BOT-BNUB1708-500**

|                            |  |
|----------------------------|--|
| Article Name               | EGFR (Epidermal Growth Factor Receptor) (GFR/1708), 0.2mg/mL, IgG1, Clone: [GFR/1708], Mouse, Monoclonal   |
| Biozol Catalog Number      | BOT-BNUB1708-500   |
| Supplier Catalog Number    | BNUB1708-500   |
| Alternative Catalog Number | BOT-BNUB1708-500-500UL   |
| Manufacturer               | Biotium  |
| Host                       | Mouse  |
| Category                   | Antikörper   |
| Application                | IHC, WB  |
| Species Reactivity         | Human  |
| Immunogen                  | Recombinant human full-length EGFR protein   |
| 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- $\alpha$ (TGF- $\alpha$ ), He... |
| Clonality                  | Monoclonal   |
| Concentration              | 0.2 mg/mL  |
| Clone Designation          | [GFR/1708]   |
| Molecular Weight           | ~145 kDa (vIII variant) ~170 kDa (wild type)   |

|                   |  |
|-------------------|--|
| Isotype           | IgG1   |
| UniProt           | <a href="#">P00533</a>   |
| Buffer            | PBS, 0.05% BSA, 0.05% azide  |
| Source            | Animal   |
| Application Notes | 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 |