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## Product Datasheet

### EGFR(GFR450), 1mg/mL, Clone: [GFR450], Mouse, Monoclonal BOT-BNUM0450-50

|                            |                                                                                                                                                                                                                                                                                |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | EGFR(GFR450), 1mg/mL, Clone: [GFR450], Mouse, Monoclonal                                                                                                                                                                                                                       |
| Biozol Catalog Number      | BOT-BNUM0450-50                                                                                                                                                                                                                                                                |
| Supplier Catalog Number    | BNUM0450-50                                                                                                                                                                                                                                                                    |
| Alternative Catalog Number | BOT-BNUM0450-50-50UL                                                                                                                                                                                                                                                           |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                                        |
| Host                       | Mouse                                                                                                                                                                                                                                                                          |
| Category                   | Antikörper                                                                                                                                                                                                                                                                     |
| Application                | FC, IF                                                                                                                                                                                                                                                                         |
| Species Reactivity         | Human                                                                                                                                                                                                                                                                          |
| Immunogen                  | Recombinant extracellular domain of human 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              | 1 mg/mL                                                                                                                                                                                                                                                                        |
| Clone Designation          | [GFR450]                                                                                                                                                                                                                                                                       |
| Molecular Weight           | ~170 kDa (wild type) and ~145 kDa (vIII variant)                                                                                                                                                                                                                               |
| UniProt                    | <a href="#">P00533</a>                                                                                                                                                                                                                                                         |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Buffer            | PBS, no BSA, no azide                                                                                                                                                                                                                                                                                                                                                                               |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                              |
| Application Notes | Immunohistology formalin-fixed 2-4 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 minutes Flow Cytometry 0.5-1 ug/million cells/0.1 mL Immunofluorescence 1-2 ug/mL Does not react with mouse, others not known Optimal dilution for a specific application should be determined by user |