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## Product Datasheet

### **EGFR (Epidermal Growth Factor Receptor) Antibody, IgG2a, Clone: [GFR450], Mouse, Monoclonal NBT-1956-MSM1-P0**

|                            |                                                                                                                                                                                                                                                                                |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | EGFR (Epidermal Growth Factor Receptor) Antibody, IgG2a, Clone: [GFR450], Mouse, Monoclonal                                                                                                                                                                                    |
| Biozol Catalog Number      | NBT-1956-MSM1-P0                                                                                                                                                                                                                                                               |
| Supplier Catalog Number    | 1956-MSM1-P0                                                                                                                                                                                                                                                                   |
| Alternative Catalog Number | NBT-1956-MSM1-P0-20,NBT-1956-MSM1-P0-100                                                                                                                                                                                                                                       |
| Manufacturer               | NeoBiotechnologies                                                                                                                                                                                                                                                             |
| 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 170kDa, 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- $\alpha$ ), Hep... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                                     |
| Clone Designation          | [GFR450]                                                                                                                                                                                                                                                                       |
| Molecular Weight           | ~170kDa (wild type) and ~145kDa (vIII variant)                                                                                                                                                                                                                                 |
| Isotype                    | IgG2a                                                                                                                                                                                                                                                                          |

|                   |                                                                                                                                                                      |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI              | <a href="#">1956</a>                                                                                                                                                 |
| UniProt           | <a href="#">P00533</a>                                                                                                                                               |
| Form              | 200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1mg/ml. |
| Antibody Type     | Monoclonal Antibody                                                                                                                                                  |
| Application Notes | Flow Cytometry (1-2ug/million cells), Immunofluorescence (1-2ug/ml), Optimal dilution for a specific application should be determined.                               |