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## Product Datasheet

### **EGFR(B1D8), CF405S conjugate, 0.1mg/mL, Clone: [B1D8], Mouse, Monoclonal BOT-BNC040643-500**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | EGFR(B1D8), CF405S conjugate, 0.1mg/mL, Clone: [B1D8], Mouse, Monoclonal                                                                                                                                                                                      |
| Biozol Catalog Number      | BOT-BNC040643-500                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | BNC040643-500                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BOT-BNC040643-500-500UL                                                                                                                                                                                                                                       |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FC, Functional Studies, IP                                                                                                                                                                                                                                    |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Microsomes from A431 cells.                                                                                                                                                                                                                                   |
| Conjugation                | CF405S                                                                                                                                                                                                                                                        |
| Product Description        | This antibody reacts with the extracellular domain of EGFR and blocks the EGF/TGF induced activation. It also blocks tumor growth in vivo. It is excellent for purification of EGFR. EGFR is type I receptor tyrosine kinase with sequence homology to erb... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [B1D8]                                                                                                                                                                                                                                                        |

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|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight  | ~170 kDa (wild type) and ~145 kDa (vIII variant)                                                                                                                                                                                                                                                                                                                                                                                    |
| UniProt           | <a href="#">P00533</a>                                                                                                                                                                                                                                                                                                                                                                                                              |
| Buffer            | PBS, 0.1% 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 Does not react with mouse or rat, others not known Flow Cytometry 0.5-1 ug/million cells/0.1 mL Affinity Purification, for coupling, order Ab without BSA Immunoprecipitation 1-2 ug/500 ug protein lysate Optimal dilution for a specific application should be determined by user |