

36-2200: Anti-EGFR (Epidermal Growth Factor Receptor) Monoclonal Antibody(Clone: B1D8)

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| Clonality : | Monoclonal |
| Clone Name : | B1D8 |
| Application : | IP,FACS |
| Reactivity : | Human |
| Gene : | EGFR |
| Gene ID : | 1956 |
| Uniprot ID : | P00533 |
| Alternative Name : | ErbB1; ERBB1; Errp; HER1; mENA; PIG61; Proto-oncogene c-ErbB-1; Receptor Tyrosine Protein Kinase; ErbB1; Urogastrone; wa2; Wa5 |
| Isotype : | Mouse IgG2a, kappa |
| Immunogen Information : | Microsomes from A431 cells. |

Description

This antibody reacts with the extracellular domain of EGFR and blocks the EGF/TGF α 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 erbB-1, -2, -3 -4 or HER-1, -2, -3 -4. It binds to Epidermal Growth Factor (EGF), Transforming Growth Factor- α (TGF- α), Heparin-binding EGF (HB-EGF), amphiregulin, betacellulin and epiregulin.

Product Info

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| Amount : | 20 μ g / 100 μ g |
| Content : | 200 μ g/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 1.0mg/ml. |
| Storage condition : | Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. |

Application Note

Affinity Purification (For coupling, order Ab without BSA); Blocks Ligand-induced Activation of EGFR; Inhibits Proliferation of A431 cells (Order Ab without sodium azide); Arrests Tumor Growth in vivo (Order Ab without BSA & Azide); Immunoprecipitation (1-2 μ g/500 μ g protein lysate); Flow Cytometry (1-2 μ g/million cells);

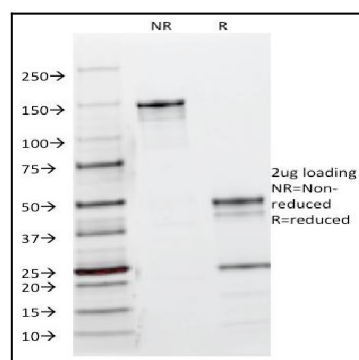
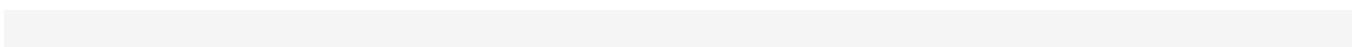


Fig. 1: SDS-PAGE Analysis Purified EGFR Mouse Monoclonal Antibody (B1D8). Confirmation of Integrity and Purity of Antibody.