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

Clonality: Monoclonal Clone Name: B1D8 Application: **IP.FACS** Reactivity: Human Gene: **EGFR** Gene ID: 1956

Erbb1; ERBB1; Errp; HER1; mENA; PIG61; Proto-oncogene c-ErbB-1; Receptor Tyrosine Protein **Alternative Name:** 

Kinase; ErbB1; Urogastrone; wa2; Wa5

Isotype: Mouse IgG2a, kappa

Immunogen Information: Microsomes from A431 cells.

P00533

## **Description**

**Uniprot ID:** 

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 erbB-1, -2, -3 -4 or HER-1, -2, -3 -4. It binds to Epidermal Growth Factor (EGF), Transforming Growth Factor-a (TGF-a), Heparin-binding EGF (HB-EGF), amphiregulin, betacellulin and epiregulin.

## **Product Info**

Amount:  $20 \mu g / 100 \mu g$ 

200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with Content:

0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is Storage condition:

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 (1-2ug/500ug protein lysate); Flow Cytometry (1-2ug/million cells);

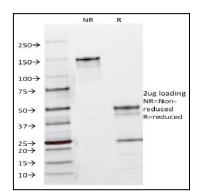


Fig. 1: SDS-PAGE Analysis Purified EGFR Mouse Monoclonal Antibody (B1D8). Confirmation of Integrity and Purity of Antibody.