

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
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

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);

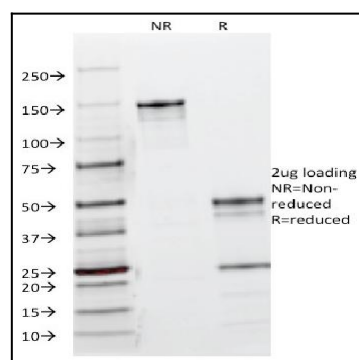
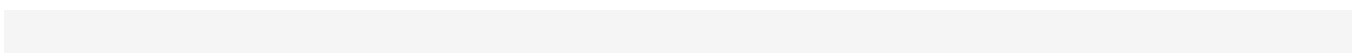


Fig. 1: SDS-PAGE Analysis Purified EGFR Mouse Monoclonal Antibody (B1D8). Confirmation of Integrity and Purity of Antibody.