

36-2195: Anti-EGFR (Epidermal Growth Factor Receptor) Monoclonal Antibody(Clone: F4)

Clonality :	Monoclonal
Clone Name :	F4
Application :	WB
Reactivity :	Human
Gene :	EGFR
Gene ID :	1956
Uniprot ID :	P00533
Alternative Name :	ERBB1; HER1; mENA; PIG61; Proto-oncogene c-ErbB-1; Receptor Tyrosine Protein Kinase; ErbB1; Urogastrone
Isotype :	Mouse IgG1, kappa
Immunogen Information :	A synthetic peptide corresponding to aa 985-996 of human EGFR

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- α (TGF- α), Heparin-binding EGF (HB-EGF), amphiregulin, betacellulin and epiregulin. EGFR is overexpressed in tumors of breast, brain, bladder, lung, gastric, head neck, esophagus, cervix, vulva, ovary, and endometrium. It is predominantly present in squamous cell carcinomas.

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 1mg/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

Western Blot (1-2 μ g/ml);

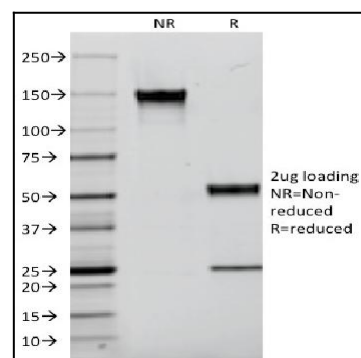


Fig. 1: SDS-PAGE Analysis Purified EGFR Mouse Monoclonal Antibody (F4). Confirmation of Integrity and Purity of Antibody.