

## **EGFR Ab**

Images(1)

Cat.#: BF9105 Concn.: ~1mg/ml Mol.Wt.: 170KD
Size: Source: Mouse Clonality: Monoclonal

Application: WB 1:500-1:2000, IP 1:200

\*The optimal dilutions should be determined by the end user.

Reactivity: Human

Storage: 1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.

Store at -20 °C. Stable for 12 months from date of receipt.

Purification: affinity purification.

Immunogen: Mouse monoclonal antibody is prepared by immunizing synthetic peptide

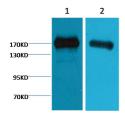
coupled to KLH.

Uniprot: P00533

Description: The epidermal growth factor receptor (EGFR; ErbB-1; HER1 in humans) is

the cell-surface receptor for members of the epidermal growth factor family (EGF-family) of extracellular protein ligands. Known ligands include EGF, TGFA/TGF-alpha, amphiregulin, epigen/EPGN, BTC/betacellulin, epiregulin/EREG and HBEGF/heparin-binding EGF. Ligand binding triggers receptor homo- and/or heterodimerization and autophosphorylation on key cytoplasmic residues. The phosphorylated receptor recruits adapter proteins like GRB2 which in turn activates complex downstream signaling

cascades.



Western blot analysis of EGFR Ab expression in A431 and Caco-2 cells lysates.

<code>IMPORTANT:</code> For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween020 at  $4^{\circ}$ C with gentle shaking, overnight.

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