

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

## 35-1214: Polyclonal Antibody to EGFR (Phospho-Tyr869)

**Clonality:** Polyclonal

**Application:** WB

**Reactivity:** Rat, Mouse, Human

Gene : EGFR
Gene ID : 1956
Uniprot ID : P00533
Format : Purified

Alternative Name: ERBB1, Receptor protein-tyrosine kinase ErbB-1, kinase EGFR

**Isotype:** Rabbit IgG

Immunogen Information: Peptide sequence around phosphorylation site of tyrosine 869 (K-E-Y(p)-H-A) derived from

Human EGFR.

## **Description**

Receptor for EGF, but also for other members of the EGF family, as TGF-a, amphiregulin, betacellulin, heparin-binding EGF-like growth factor, GP30 and vaccinia virus growth factor. Is involved in the control of cell growth and differentiation. Phosphorylates MUC1 in breast cancer cells and increases the interaction of MUC1 with SRC and CTNNB1/beta-catenin.

## **Product Info**

**Amount :** 50 μl / 100 μl

Content: Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM

NaCl, 0.02% sodium azide and 50% glycerol.

**Storage condition :** Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid

repeated freeze and thaw cycles.

## **Application Note**

Predicted MW: 175kd, Western blotting: 1:500~1:1000

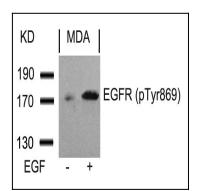


Figure 1: Western blot analysis of extracts from MDA cells untreated or treated with EGF using EGFR(Phospho-Tyr869) Antibody 35-1214 .