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35-1428: Polyclonal Antibody to EGFR (Ab-1092)

Clonality: Polyclonal Application: IHC,WB Reactivity: Rat, Human Gene: **EGFR** Gene ID: 1956 P00533 **Uniprot ID:** Format: Purified

Alternative Name: Receptor tyrosine-protein kinase ErbB-1

Isotype: Rabbit IgG

Immunogen Information: Peptide sequence around aa. 1090~1094 (P-E-Y-I-N) 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.

Product Info

Amount: $50 \mu l / 100 \mu l$

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

NaCl, 0.02% sodium azide and 50% glycerol.

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

repeated freeze and thaw cycles.

Application Note

Predicted MW: 175kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100

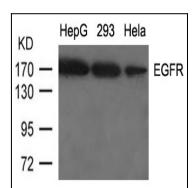


Figure 1: Western blot analysis of extracts from HepG2, 293 and Hela cells using EGFR(Ab-1092) Antibody 35-1428.



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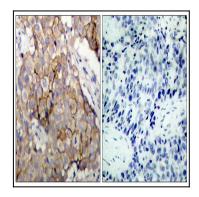


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using EGFR(Ab-1092) Antibody 35-1428 (left) or the same antibody preincubated with blocking peptide(right).