

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

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| Clonality : | Polyclonal |
| Application : | IHC, WB |
| Reactivity : | Rat, Human |
| Gene : | EGFR |
| Gene ID : | 1956 |
| Uniprot ID : | P00533 |
| 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- α , amphiregulin, betacellulin, heparin-binding EGF-like growth factor, GP30 and vaccinia virus growth factor.

Product Info

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| Amount : | 50 μ l / 100 μ l |
| Content : | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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, Immunohistochemistry: 1:50~1:100

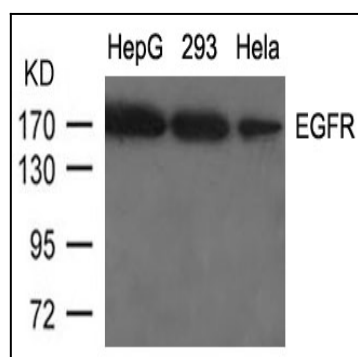


Figure 1: Western blot analysis of extracts from HepG2, 293 and HeLa cells using EGFR(Ab-1092) Antibody 35-1428 .

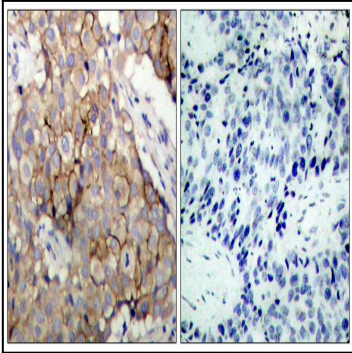


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using EGFR(Ab-1092) Antibody 35-1428 (left) or the same antibody preincubated with blocking peptide(right).