

## 35-1427: EGFR (Ab-1070) Antibody

|                                |   |
|--------------------------------|---|
| <b>Clonality :</b>             | Polyclonal  |
| <b>Application :</b>           | ICC/IF,IHC,WB   |
| <b>Reactivity :</b>            | Human   |
| <b>Gene :</b>                  | IGLC1   |
| <b>Gene ID :</b>               | 1956  |
| <b>Uniprot ID :</b>            | P00533  |
| <b>Alternative Name :</b>      | Receptor tyrosine-protein kinase ErbB-1; ERBB1; Proto-oncogene c-ErbB-1   |
| <b>Immunogen Information :</b> | Peptide sequence around aa.1068~1072 (R-Y-S-S-D) derived from Human EGFR. |

### Description

Receptor for EGF, but also for other members of the EGF family, as TGF- $\alpha$ , amphiregulin, betacellulin, heparin-binding EGF-like growth factor, GP30 and vaccinia virus growth factor. Is involved in the control of cell growth and differentia

### Product Info

|                            |  |
|----------------------------|--|
| <b>Amount :</b>            | 50 $\mu$ g / 100 $\mu$ l   |
| <b>Purification :</b>      | Affinity-chromatography  |
| <b>Content :</b>           | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| <b>Storage condition :</b> | Store at 4°C; 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  
Immunofluorescence: 1:100~1:200

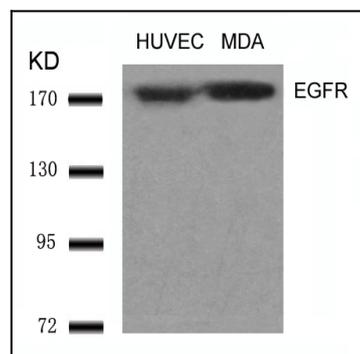


Figure 1: Western blot analysis of extracts from HUVEC and MDA cells using EGFR(Ab-1070) Antibody 35-1427 .

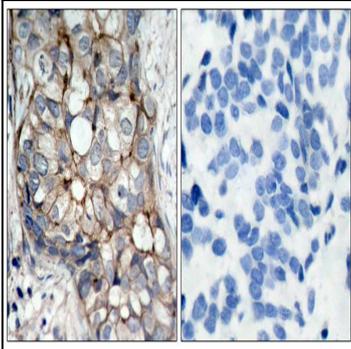


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using EGFR(Ab-1070) Antibody 35-1427 (left) or the same antibody preincubated with blocking peptide(right).

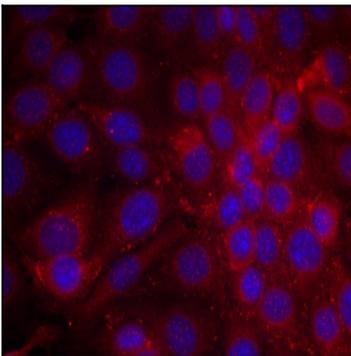


Figure 3: Immunofluorescence staining of methanol-fixed MCF cells using EGFR(Ab-1070) Antibody 35-1427 .