

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

Email: info@abeomics.com

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

Clonality: Polyclonal
Application: ICC/IF,IHC,WB
Reactivity: Human
Gene: IGLC1
Gene ID: 1956
Uniprot ID: P00533

**Alternative Name :** Receptor tyrosine-protein kinase ErbB-1; ERBB1; Proto-oncogene c-ErbB-1 **Immunogen Information :** 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-a, 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**

**Amount:** 50 μl / 100 μl

**Purification:** Affinity-chromatography

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 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

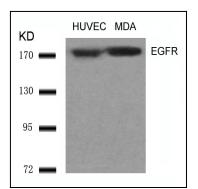


Figure 1: Western blot analysis of extracts from HUVEC and MDA cells using EGFR(Ab-1070) Antibody 35-1427.



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

Email: info@abeomics.com

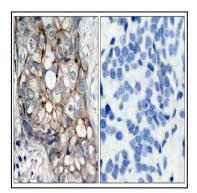


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using EGFR(Ab-1070) Antibody 35-1427 (left) or the same antibody preincubated with blocking peptide(right).

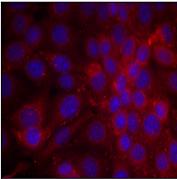


Figure 3: Immunofluorescence staining of methanol-fixed MCF cells using EGFR(Ab-1070) Antibody 35-1427.