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## 35-1073: Polyclonal Antibody to HER2 (Phospho-Tyr877)

**Clonality :** Polyclonal **Application :** WB,IHC,IF

**Reactivity:** Human, Mouse, Rat

Gene :ERBB2Gene ID :2064Uniprot ID :P04626Format :Purified

Alternative Name: C-erbB-2, ErbB2 Isotype: Rabbit IgG

Immunogen Information: Peptide sequence around phosphorylation site of tyrosine 877 (T-E-Y(p)-H-A) derived from

Human HER2.

## **Description**

Essential component of a neuregulin-receptor complex, although neuregulins do not interact with it alone. GP30 is a potential ligand for this receptor. Not activated by EGF, TGF-a and amphiregulin.

## **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: 185kd, Western blotting:  $1:500\sim1:1000$ , Immunohistochemistry:  $1:50\sim1:100$ , Immunofluorescence:  $1:100\sim1:200$ 

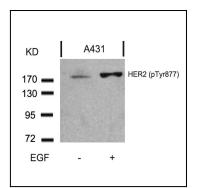


Figure 1: Western blot analysis of extracts from A431 cells untreated or treated with EGF using HER2(Phospho-Tyr877) Antibody 35-1073.



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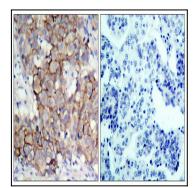


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using HER2(Phospho-Tyr877) Antibody 35-1073 (left) or the same antibody preincubated with blocking peptide(right).

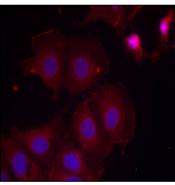


Figure 3: Immunofluorescence staining of methanol-fixed MCF7 cells using HER2(Phospho-Tyr877) Antibody 35-1073.