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## 35-1077: Polyclonal Antibody to HER2 (Phospho-Tyr1248)

Clonality: Polyclonal Application: WB,IHC,IF

**Reactivity:** Human, Mouse, Rat

Gene : ERBB2
Gene ID : 2064
Uniprot ID : P04626
Format : Purified

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

Immunogen Information: Peptide sequence around phosphorylation site of tyrosine1248 (P-E-Y(p)-L-G) 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. Yuan,Lu Qian ,Ming Shi, et al. (2008) HER2-dependent MMP-7 expression is mediated by activated STAT3 Guogang Cellular Signalling, 20:1284

## **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**

1:100~1:200

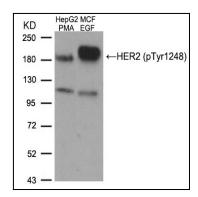


Figure 1: Western blot analysis of extracts from HepG2 cells treated with PMA and MCF cells treated with EGF, using HER2 (Phospho-Tyr1248) Antibody 35-1077.



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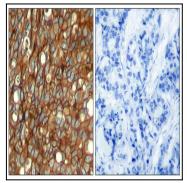


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HER2 (Phospho-Tyr1248) Antibody 35-1077 (left) or the same antibody preincubated with blocking peptide 51079 (right).

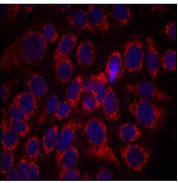


Figure 3: Immunofluorescence staining of methanol-fixed MCF7 cells using HER2(Phospho-Tyr1248) Antibody 35-1077 .

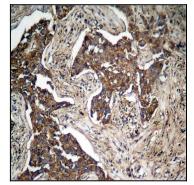


Figure 4: Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue, using HER2 (Phospho-Tyr1248) Antibody 35-1077 .