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## 35-1074: Polyclonal Antibody to HER2 (Phospho-Tyr1221/Tyr1222)

Clonality: Polyclonal
Application: WB,IF
Reactivity: Human
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 tyrosine1221/1222 (N-L-Y(p)-Y(p)-W) 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. Marone R, et al. (2004) Nat Cell Biol; 6(6): 515-22. Ren Z, et al. (2002) J Biol Chem; 277(41): 38486-93.

## **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: 1:500~1:1000, Immunofluorescence: 1:100~1:200

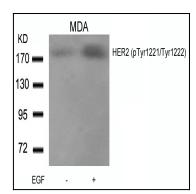


Figure 1: Western blot analysis of extracts from MDA cells untreated or treated with EGF using HER2(Phospho-Tyr1221/Tyr1222) Antibody 35-1074.



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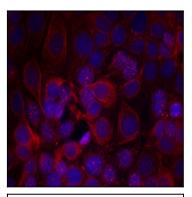


Figure 2: Immunofluorescence staining of methanol-fixed MCF cells using HER2(Phospho-Tyr1221/Tyr1222) Antibody 35-1074.

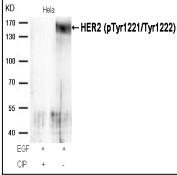


Figure 3: Western blot analysis of extracts from Hela cells, treated with EGF or calf intestinal phosphatase (CIP), using HER2 (Phospho-Tyr1221/Tyr1222) Antibody 35-1074.