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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: $1:100\sim1:200$

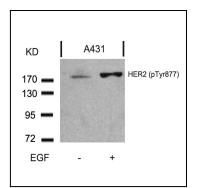


Figure 1: Western blot analysis of extracts from A431 cells untreated or treated with EGF using HER2(Phospho-Tyr877) Antibody 35-1073.



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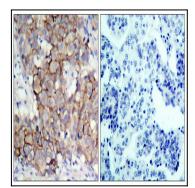


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using HER2(Phospho-Tyr877) Antibody 35-1073 (left) or the same antibody preincubated with blocking peptide(right).

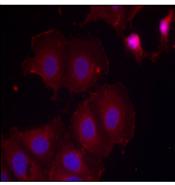


Figure 3: Immunofluorescence staining of methanol-fixed MCF7 cells using HER2(Phospho-Tyr877) Antibody 35-1073.