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35-1425: Polyclonal Antibody to HER2 (Ab-1221/1222) (Discontinued)

Clonality: Polyclonal
Application: IHC,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 aa.1219~1223/1220~1224 (N-L-Y-Y-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.

Product Info

Amount: 50 μg / 100 μg

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: $1:100\sim1:200$

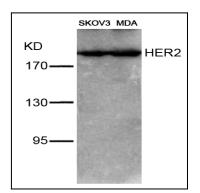


Figure 1: Western blot analysis of extracts from SKOV3 and MDA cells using HER2(Ab-1221/1222) Antibody 35-1425.



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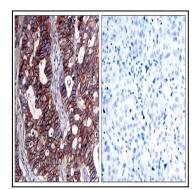


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HER2(Ab-1221/1222) Antibody 35-1425 (left) or the same antibody preincubated with blocking peptide(right).

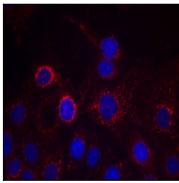


Figure 3: Immunofluorescence staining of methanol-fixed MCF cells using HER2(Ab-1221/1222) Antibody 35-1425.