

## 35-1424: Polyclonal Antibody to HER2 (Ab-877)

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB,IHC
<b>Reactivity :</b>	Human,Mouse,Rat
<b>Gene :</b>	ERBB2
<b>Gene ID :</b>	2064
<b>Uniprot ID :</b>	P04626
<b>Format :</b>	Purified
<b>Alternative Name :</b>	C-erbB-2, ErbB2
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Peptide sequence around aa.875~879 (T-E-Y-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- $\alpha$  and amphiregulin. Dittadi, R. et al. (2000) J. Natl. Cancer Inst. 92, 1443-1444. Muthuswamy, S. K. et al. (1999) Mol. Cell. Biol. 19, 6845-6857. Qian, X. et al. (1994) Proc. Natl. Acad. Sci. USA 91, 1500-1504. Kwon, Y. K. et al. (1997) J. Neurosci. 17, 8293-8299. Klapper, L. N. et al. (2000) Cancer Res. 60, 3384-3388.

### Product Info

<b>Amount :</b>	50 $\mu$ l / 100 $\mu$ l
<b>Content :</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage condition :</b>	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, Immunohistochemistry: 1:50~1:100

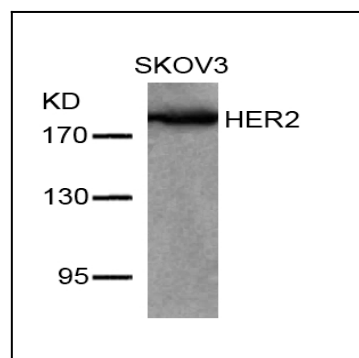


Figure 1: Western blot analysis of extracts from SKOV3 cells using HER2(Ab-877) Antibody 35-1424 .

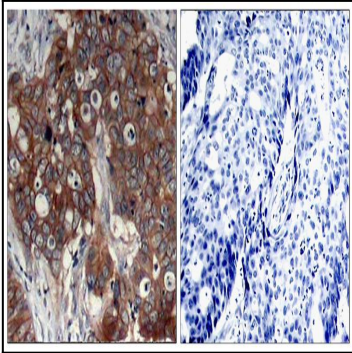


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HER2(Ab-877) Antibody 35-1424 (left) or the same antibody preincubated with blocking peptide(right).