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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: 1:500~1:1000, Immunohistochemistry: 1:50~1:100, Immunofluorescence: 1:100~1:200

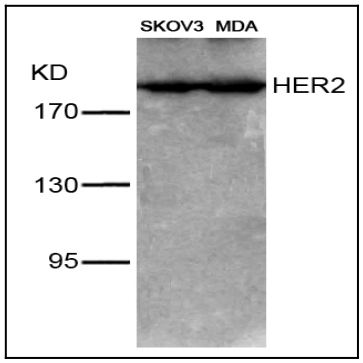


Figure 1: Western blot analysis of extracts from SKOV3 and MDA cells using HER2(Ab-1221/1222) Antibody 35-1425 .

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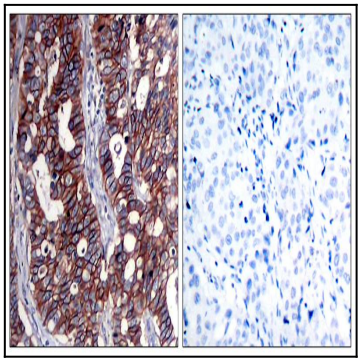


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HER2(Ab-1221/1222) Antibody 35-1425 (left) or the same antibody preincubated with blocking peptide(right).

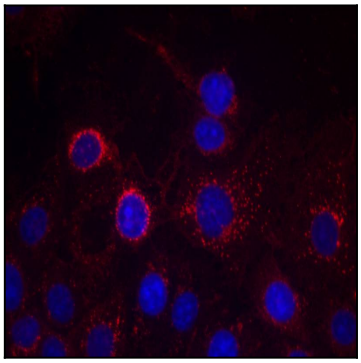


Figure 3: Immunofluorescence staining of methanol-fixed MCF cells using HER2(Ab-1221/1222) Antibody 35-1425 .

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