

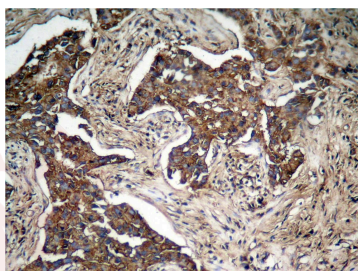
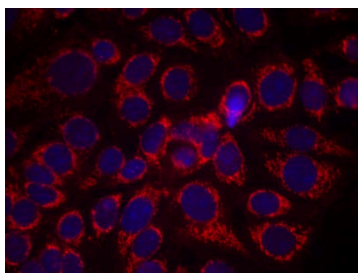
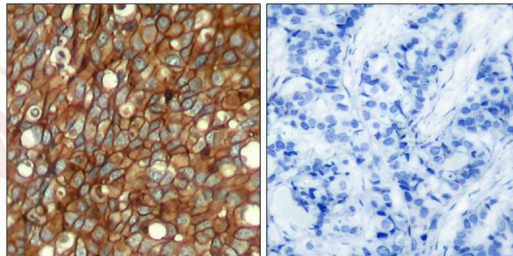
## Anti-Phospho-HER2/ERBB2 (Tyr1248) Polyclonal Antibody 2

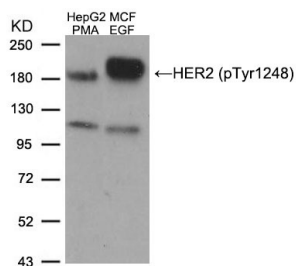
### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

### Applications

1. Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HER2 (Phospho-Tyr1248) Antibody TMAC-01807 (left) or the same antibody preincubated with blocking peptide (right).
2. Immunofluorescence staining of methanol-fixed MCF7 cells using HER2 (Phospho-Tyr1248) Antibody TMAC-01807.
3. Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue, using HER2 (Phospho-Tyr1248) Antibody TMAC-01807.
4. Western blot analysis of extracts from HepG2 cells treated with PMA and MCF cells treated with EGF, using HER2 (Phospho-Tyr1248) Antibody TMAC-01807.





Application: IF,IHC,WB

### Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

### Antigen Details

Immunogen: Peptide sequence around phosphorylation site of tyrosine1248 (P-E-Y(p)-L-G) derived from Human HER2

Antigen Species: Human

Uniprot ID: P04626

Synonyms: HER2/ERBB2 (p-Y1248);p-HER2/ERBB2 (Y1248);p-HER2/ERBB2 (Tyr1248);HER2/ERBB2 (p-Tyr1248)

### Research Background

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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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