

## Product datasheet for **AP02374PU-S**

### Her2 (ERBB2) pTyr1221/1222 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	<b>Western blot:</b> 1/500 - 1/1000; Incubate membrane with diluted antibody in 5% nonfat milk, 1X TBS, 0,1% Tween-20 at 4°C with gentle shaking, overnight. <b>Immunofluorescence:</b> 1/100 - 1/200.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic phosphopeptide derived from human HER2 around the phosphorylation site of tyrosine1221/1222 (N-L-YP-YP-W).
Specificity:	HER2 (phospho-Tyr1221/Tyr1222) antibody detects endogenous levels of HER2 only when phosphorylated at tyrosine 1221/1222.
Formulation:	PBS (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150 mM NaCl containing 0.02% Sodium Azide as preservative and 50% Glycerol as stabilizer State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Immunoaffinity chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	erb-b2 receptor tyrosine kinase 2
Database Link:	<a href="#">Entrez Gene 2064 Human P04626</a>



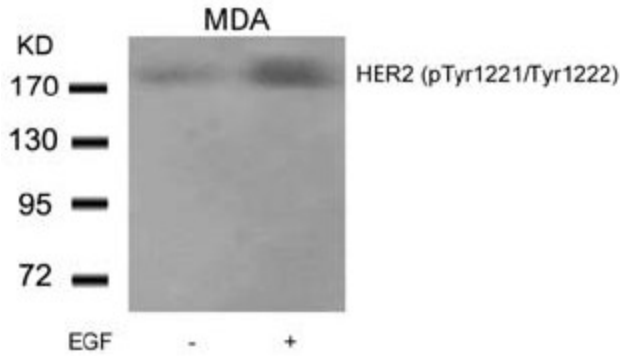
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**Background:**

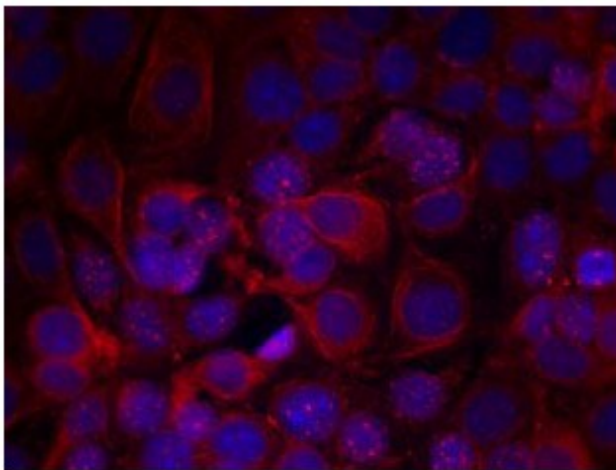
ErbB 2 is a receptor tyrosine kinase of the ErbB 2 family. It is closely related in structure to the epidermal growth factor receptor. ErbB 2 oncoprotein is detectable in a proportion of breast and other adenocarcinomas, as well as transitional cell carcinomas. In the case of breast cancer, expression determined by immunohistochemistry has been shown to be associated with poor prognosis.

**Synonyms:**

HER-2, NEU, p185erbB2, NGL, c-erbB-2, MNL19

**Product images:**


Western Blot analysis of extracts from MDA cells untreated or treated with EGF using HER2 (pTyr1221/pTyr1222) Antibody



Immunofluorescence staining of methanol-fixed MCF cells using HER2 (pTyr1221/pTyr1222) Antibody