HER2(Phospho-Tyr877) Antibody

Catalog No: #11075

Package Size: #11075-1 50ul #11075-2 100ul #11075-4 25ul

Overview

Product Name	HER2(Phospho-Tyr877) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	HER2
Modification	Phospho-Tyr877
Alternative Names	C-erbB-2; ErbB2;

Application Details

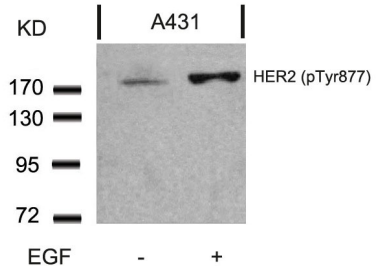
Predicted MW: 185kd

Western blotting: 1:500~1:1000

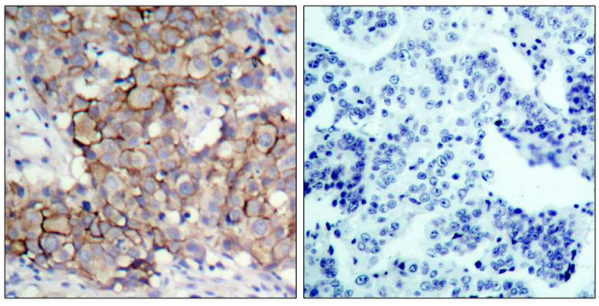
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

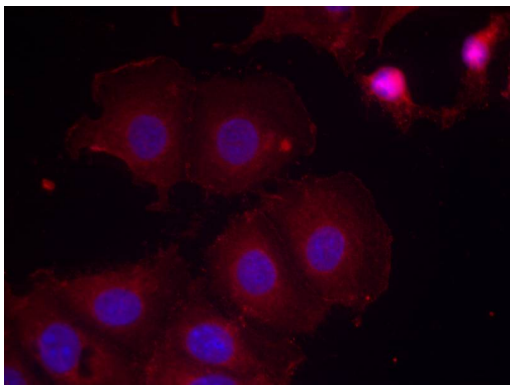
Images



Western blot analysis of extracts from A431 cells untreated or treated with EGF using HER2(Phospho-Tyr877) Antibody #11075.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using HER2(Phospho-Tyr877) Antibody #11075(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed MCF7 cells using HER2(Phospho-Tyr877) Antibody #11075.

Descriptions

Immunogen	Peptide sequence around phosphorylation site of tyrosine 877 (T-E-Y(p)-H-A) derived from Human HER2.
Specificity	The antibody detects endogenous level of HER2 only when phosphorylated at tyrosine 877.
Purifiction	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 chromatogramphy using non-phosphopeptide.
Formulation	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	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: P04626NCBI Protein: NP_001005862.1

Related Information

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.

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.

Published Papers

M.Alicia Corte?s, Ariel E.Cariaga-Martinez, Mar??a V.T.Lobo el at., EGF promotes neuroendocrine-like differentiation of prostate cancer cells in the presence of LY294002 through increased ErbB2 expression independent of the phosphatidylinositol 3-kinase-AKT pathway, Carcinogenesis, vol.33 no.6 pp.1169B¨C1177 (2012)

PMID:22461520

Note: This product is for in vitro research use only and is not intended for use in humans or animals.