Her3/ErbB3(phospho-Tyr1328) Antibody

Catalog No: #11510

Package Size: #11510-1 50ul #11510-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Her3/ErbB3(phospho-Tyr1328) Antibody
Host Species	Rabbit
Clonality	Polyclonal
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 chromatogramphy using non-phosphopeptide.
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of Her3/ErbB3 only when phosphorylated at tyrosine 1328.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 1328 (P-D-Y(p)-W-H) derived from Human Her3/ErbB3.
Target Name	Her3/ErbB3
Modification	Phospho
Other Names	Tyrosine kinase-type cell surface receptor HER3
Accession No.	Swiss-Prot: P21860NCBI Protein: NP_001005915.1
Uniprot	P21860
GeneID	2065;
Concentration	1.0mg/ml
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.

Application Details

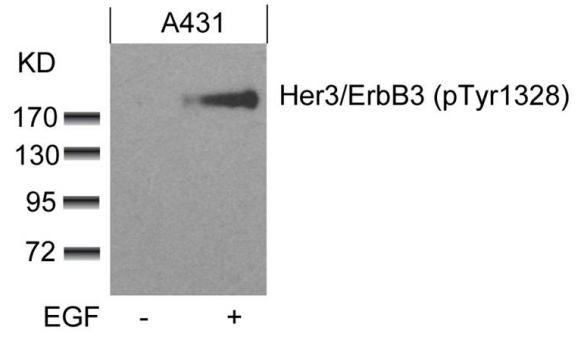
Predicted MW: 185kd

Western blotting: 1:500~1:1000

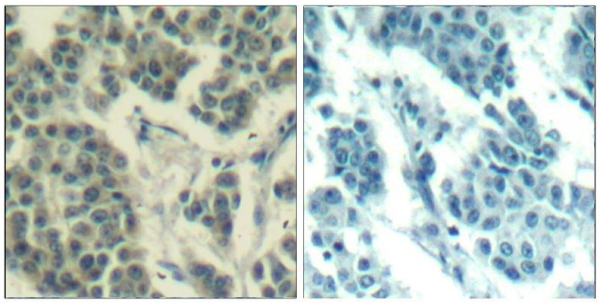
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

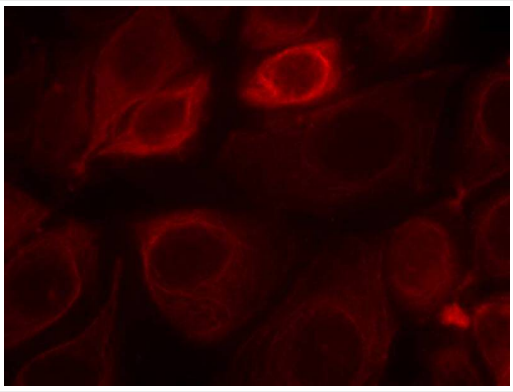
Images



Western blot analysis of extracts from A431 cells untreated or treated with EGF using Her3/ErbB3(phospho-Tyr1328) Antibody #11510.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Her3/ErbB3(Phospho-Tyr1328) Antibody #11510(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed MCF7 cells using Her3/ErbB3(phospho-Tyr1328) Antibody #11510.

Background

Binds and is activated by neuregulins and NTAK.

Holbro, T. et al. (2003) Proc. Natl. Acad. Sci. USA 100, 8933-8938.

Kobayashi, M. et al. (2003) Oncogene 22, 1294-1301.

Kim, H.H. et al. (1994) J. Biol. Chem. 269, 24747-24755.

Yarden, Y. and Sliwkowski, M.X. (2001) Nature Rev. Mol. Cell. Biol. 2, 127-137.

Note: This product is for in vitro research use only