ErbB2(Phospho-Tyr1221 / Tyr1222) Rabbit mA

Catalog No: #14295

Package Size: #14295-1 50ul #14295-2 100ul

Signalway Antibody
Orders: order@signalwayantibody.com
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Description

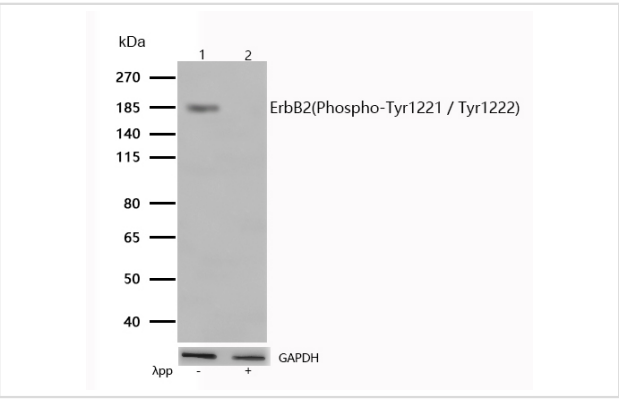
Product Name	ErbB2(Phospho-Tyr1221 / Tyr1222) Rabbit mA
Host Species	Rabbit
Clonality	Monoclonal
Clone No.	SR1276
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB, ICC/IF
Species Reactivity	Human
Specificity	Phospho-ErbB2(Y1221 + Y1222) Antibody detects endogenous levels of total Phospho-ErbB2(Y1221 + Y1222)
Immunogen Description	A synthesized peptide derived from human Phospho-ErbB2(Y1221 + Y1222)
Conjugates	Unconjugated
Other Names	CD340; CerbB2; Erb b2 receptor tyrosine kinase 2; ERBB2; HER2; Herstatin; Human epidermal growth factor receptor 2; MLN19; NEU; NGL; Proto-oncogene Neu; Receptor tyrosine-protein kinase erbB-2; Tyrosine kinase type cell surface receptor HER2;
Accession No.	P04626
Calculated MW	Predicted band size: 138 kDa
SDS-PAGE MW	Observed band size: 185 kDa
Formulation	Rabbit IgG in phosphate buffered saline , 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

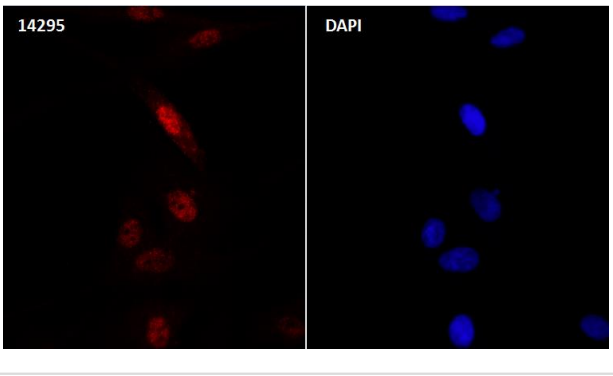
WB: 1:500-1:2000

ICC/IF: 1:50-1:200

Images



All lanes : ErbB2(Phospho-Tyr1221 / Tyr1222) Rabbit mAb at 1/1k dilutionLane 1 :SK-Br-3 whole cell lysateLane 2 : SK-Br-3 treated with Lambda phosphatase for 30min whole cell lysateLysates/proteins at 20 µg per lane.SecondaryAll lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilutionPredicted band size: 138 kDa Observed band size: 185 kDaExposure time: 4 seconds



Immunocytochemistry/ Immunofluorescence
ErbB2(Phospho-Tyr1221 / Tyr1222) antibody (14295)
ICC/IF staining of ErbB2(Phospho-Tyr1221 / Tyr1222) in Hela cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.
Samples were incubated with 14295 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 647 goat anti rabbit, used at a dilution of 1/500.
Nuclei were counterstained with DAPI.

Background

Protein tyrosine kinase that is part of several cell surface receptor complexes, but that apparently needs a coreceptor for ligand binding. Essential component of a neuregulin-receptor complex, although neuregulins do not interact with it alone. GP30 is a potential ligand for this receptor.

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