

Product Name: Phospho-ErbB3 (Y1222) (11E17) Rabbit Monoclonal Antibody
Catalog #: AMRe05900



Summary

Production Name	Phospho-ErbB3 (Y1222) (11E17) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Phospho Antibody
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	ERBB3
Alternative Names	ERBB3; HER3; LCCS2; p180 ErbB3; p45 sErbB3; p85 sErbB3;
Gene ID	2065.0
SwissProt ID	P21860.

Application

Dilution Ratio	WB 1:500-1:2000
Molecular Weight	148kDa

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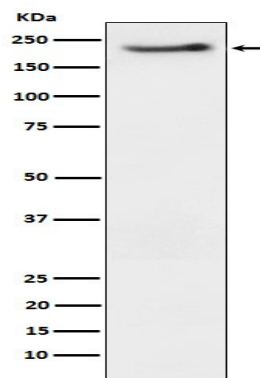


Background

Binds and is activated by neuregulins and NTAK. Tyrosine-protein kinase that plays an essential role as cell surface receptor for neuregulins. Binds to neuregulin-1 (NRG1) and is activated by it; ligand-binding increases phosphorylation on tyrosine residues and promotes its association with the p85 subunit of phosphatidylinositol 3-kinase (PubMed: 20682778). May also be activated by CSPG5 (PubMed: 15358134). Involved in the regulation of myeloid cell differentiation (PubMed: 27416908).

Research Area

Image Data



Western blot analysis of Phospho-ErbB3 (Y1222) expression in SKBR3 cell treated with neuregulin.

Note

For research use only.