Product Name: **ErbB 3 Rabbit Monoclonal antibody**
Catalog #: **AMRe02988**
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purified

Application

Dilution Ratio	WB 1:500-1:1000
Molecular Weight	Calculated MW: 148 kDa; Observed MW: 185 kDa

Antigen Information

Gene Name	ERBB3
Alternative Names	ERBB3; HER3; Receptor tyrosine-protein kinase erbB-3; Proto-oncogene-like protein c-ErbB-3; Tyrosine kinase-type cell surface receptor HER3
Gene ID	2065
SwissProt ID	P21860
Immunogen	A synthetic peptide of human ErbB 3

Background

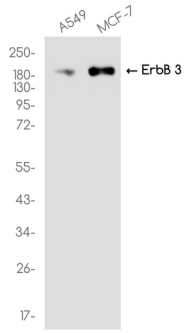
This membrane-bound protein has a neuregulin binding domain but not an active kinase domain. It therefore can bind this

ligand but not convey the signal into the cell through protein phosphorylation. However, it does form heterodimers with other EGF receptor family members which do have kinase activity. Heterodimerization leads to the activation of pathways which lead to cell proliferation or differentiation.

Research Area

Cell Biology

Image Data



Western blot analysis of ErbB 3 in A549, MCF-7 lysates using ErbB 3 antibody.