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**Product Name: Phospho-ErbB 4 (Tyr1162) Rabbit Monoclonal Antibody****Catalog #: AMRe02849**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,IP
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Phosphorylated
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.5mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW: 147 kDa; Observed MW: 180 kDa

**Antigen Information**

<b>Gene Name</b>	ERBB4
<b>Alternative Names</b>	ERBB4; HER4; Receptor tyrosine-protein kinase erbB-4; Proto-oncogene-like protein c-ErbB-4; Tyrosine kinase-type cell surface receptor HER4; p180erbB4
<b>Gene ID</b>	2066
<b>SwissProt ID</b>	Q15303
<b>Immunogen</b>	A synthetic Phosphorylated peptide corresponding to residues target protein

**Background**

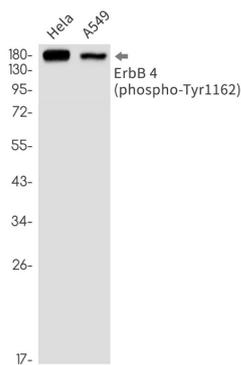
The HER4/ERBB4 gene is a member of the type I receptor tyrosine kinase subfamily that includes EGFR (MIM 131550), ERBB2

(MIM 164870), and ERBB3 (MIM 190151). It encodes a receptor for NDF/heregulin (MIM 142445).

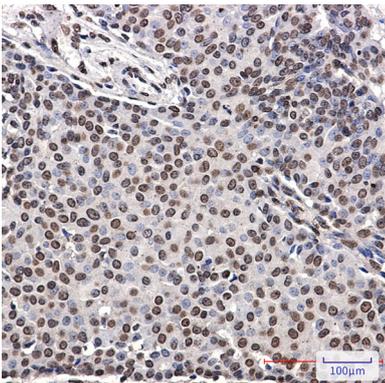
## Research Area

Cancer

## Image Data



Western blot analysis of Phospho-ErbB 4 (Tyr1162) in HeLa, A549 lysates using Phospho-ErbB 4 (Tyr1162) antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using ErbB 4 (Phospho-Tyr1162) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.