

<b>Cat. No:</b>	AB-81617
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100 ug
<b>Clone:</b>	POLY
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rb
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 26-160 of human ErbB4/HER4/HER4.
<b>Reactivity:</b>	Hu, Ms, Rt
<b>Applications:</b>	WB: 1:500 - 1:1000 IHC: 1:50 - 1:100 IF: 1:50 - 1:100
<b>Molecular Weight:</b>	180kDa
<b>Purification:</b>	Aff. Pur.
<b>Synonyms:</b>	ALS19;HER4;p180erbB4;ERBB4;HER4/ErbB4
<b>Background:</b>	<p>This gene is a member of the Tyr protein kinase family and the epidermal growth factor receptor subfamily. It encodes a single-pass type I membrane protein with multiple cysteine rich domains, a transmembrane domain, a tyrosine kinase domain, a phosphatidylinositol-3 kinase binding site and a PDZ domain binding motif. The protein binds to and is activated by neuregulins and other factors and induces a variety of cellular responses including mitogenesis and differentiation. Multiple proteolytic events allow for the release of a cytoplasmic fragment and an extracellular fragment. Mutations in this gene have been associated with cancer. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized.</p>
<b>Form:</b>	Liquid
<b>Buffer:</b>	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles

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