

## Anti-ErbB2 Rabbit pAb



WL0981

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-ErbB2 Rabbit pAb	
<b>Source</b>	Rabbit	
<b>Species reactivity</b>	Human	
<b>Tested applications</b>	WB	1:500-1:1000
	IHC	1:200
	IF	1:200
<b>Cellular localization</b>	Cytoplasm. Nucleus and Cell membrane	
<b>Pack size</b>	50/100/200/500/1000μl	
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>	
<b>Storage buffer</b>	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml	
	BSA, 50% glycerol and less than 0.02% sodium azide	

## General Information

<b>Background</b>	The ErbB2 (HER2) proto-oncogene encodes a 185 kDa transmembrane, receptor-like glycoprotein with intrinsic tyrosine kinase activity. ErbB2 is a key therapeutic target in the treatment of breast cancer and other carcinomas and targeting the regulation of ErbB2 degradation by the c-Cbl-regulated proteolytic pathway is one potential therapeutic strategy. A number of cytoplasmic signaling molecules are thought to mediate mitogenic signaling from the activated ErbB2 oncoprotein through binding to phospho-tyrosine residues located within the intracellular portion of the ErbB2 molecule, including Grb2, PLCγ, c-Src, Ras-GAP, SHC and Grb7.
<b>Immunogen</b>	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of ErbB2.
<b>Purification</b>	Polyclonal antibody was purified by immunogen affinity chromatography.

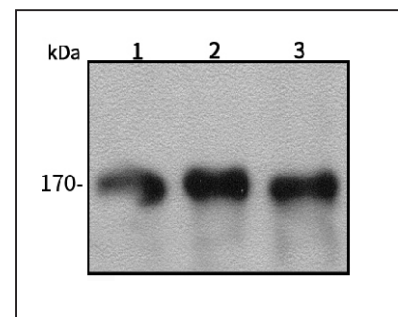
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## Product Images



## Western blot-Anti-ErbB2 pAb

Lane 1: Human SGC-7901 cell lysate

Lane 2: Human Hela cell lysate

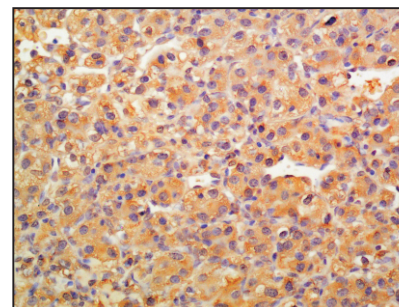
Lane 3: Human MCF-7 cell lysate

All lanes: Anti-ErbB2 at 1:1000 dilution

Lysates/proteins at 20-50 μg per lane.

Predicted band size: 138 kDa

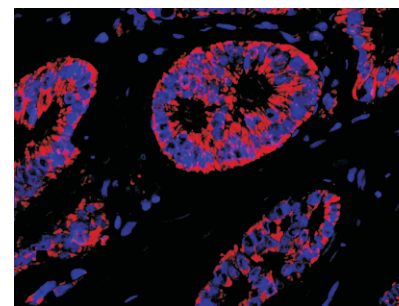
Observed band size: 185 kDa



## Immunohistochemistry-Anti-ErbB2 pAb

Immunohistochemical analysis of paraffin-embedded human glandular cancer using anti-ErbB2 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



## Immunofluorescence-Anti-ErbB2 pAb

Immunofluorescence analysis of paraffin-embedded human colon cancer using anti-ErbB2 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0