

## Product Datasheet

### ErbB2 (C-term) Antibody (orb1929063)

<b>Catalog Number</b>	orb1929063
<b>Category</b>	Antibodies
<b>Description</b>	Purified Rabbit Polyclonal Antibody (Pab)
<b>Target</b>	ERBB2
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Form/Appearance</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
<b>Immunogen</b>	This ErbB2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1206-1236 amino acids from the C-terminal region of human ErbB2. Antigen Region: 1206-1236 aa.
<b>UniProt ID</b>	<b>P04626</b>
<b>MW</b>	137910 Da
<b>Tested applications</b>	IHC-P, WB
<b>Dilution range</b>	WB - 1:1000, IHC-P - 1:50-100
<b>Antibody Type</b>	Primary Antibody

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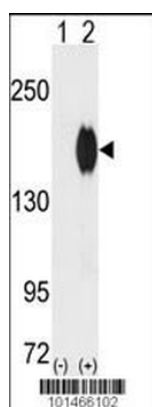
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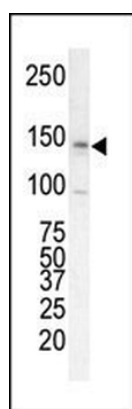
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<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
<b>Note</b>	For research use only
<b>NCBI</b>	<a href="#">NP_001005862.1</a> , <a href="#">NP_004439.2</a>
<b>Expiration Date</b>	12 months from date of receipt.



Western blot analysis of ErbB2 (arrow) using HER2/ErbB2 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the ErbB2 gene (Lane 2).



Western blot analysis of anti-ErbB2 Pab in T-47D cell lysate. ErbB2 (arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.

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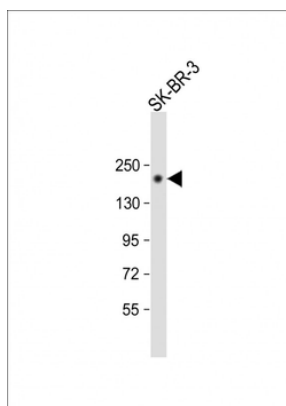
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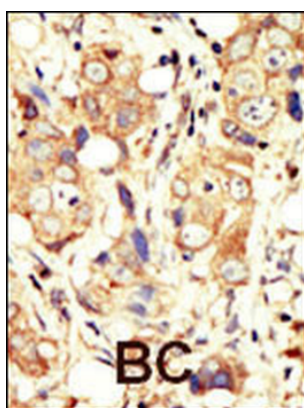
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Anti-ErbB2 Antibody (Y1221) at 1:1000 dilution + SK-BR-3 whole cell lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 138 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

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