

## Product Datasheet

### Phospho-ERBB2(Y1127) Antibody (orb1930996)

|                            |   |
|----------------------------|---|
| <b>Catalog Number</b>      | orb1930996  |
| <b>Category</b>            | Antibodies  |
| <b>Description</b>         | Affinity 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 purified through a protein A column, followed by peptide affinity purification.  |
| <b>Immunogen</b>           | This ERBB2 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding Y1127 of human ERBB2. |
| <b>UniProt ID</b>          | <b>P04626</b>   |
| <b>MW</b>                  | 137910 Da   |
| <b>Tested applications</b> | DOT, IF, WB   |
| <b>Dilution range</b>      | IF - 1:100, WB - 1:1000, DB - 1:500   |

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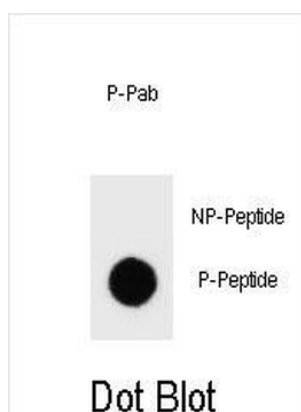
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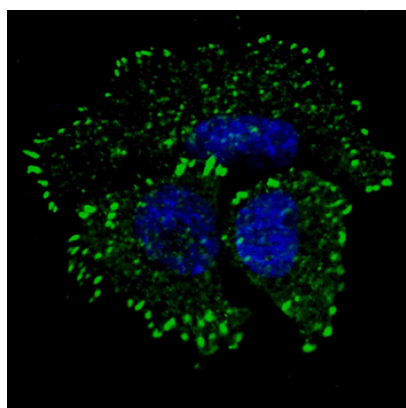
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|                        |  |
|------------------------|--|
| <b>Storage</b>         | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles |
| <b>Note</b>          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



Dot blot analysis of Phospho-ERBB2-Y1127 Antibody Phospho-specific Pab on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.6ug per ml.



Fluorescent confocal image of MCF7 cells stained with phospho-ERBB2-Y1127 antibody. MCF7 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.2%, 30 min). Cells were then incubated with phospho-ERBB2- Y1127 primary antibody (1:100, 2 h at room temperature). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:1000, 1 h). Nuclei were counterstained with Hoechst 33342 (blue) (10 µg/ml, 5 min).

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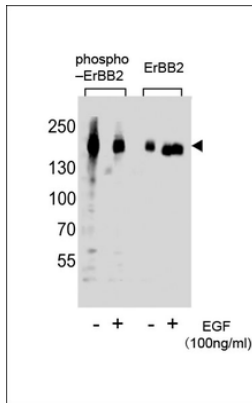
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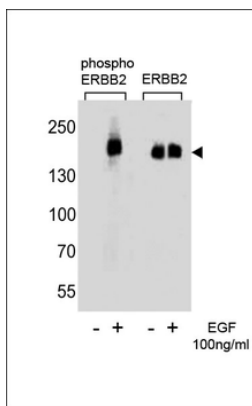
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Western blot analysis of extracts from A431 cells, untreated or treated with EGF, 100ng/ml, using Phospho-ERBB2-Y1127 or ERBB2 antibody (right).



Western blot analysis of extracts from A431 cells, untreated or treated with EGF, 100ng/ml, using phospho ERBB2-Y1127 (left) or ERBB2 antibody (right)

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