BOSTER BIOLOGICAL TECHNOLOGY
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# Anti-Phospho-HER2/ERBB2 (Y877) Antibody

**Catalog Number:** P00010-3

## About ERBB2

Receptor tyrosine-protein kinase erbB-2, also known as CD340 (cluster of differentiation 340), proto-oncogene Neu, Erbb2 (rodent), or ERBB2 (human), is a protein that in humans is encoded by the ERBB2 gene. And it is also frequently called HER2 (from human epidermal growth factor receptor 2) or HER2/neu. This gene encodes a member of the epidermal growth factor (EGF) receptor family of receptor tyrosine kinases. This protein has no ligand binding domain of its own and therefore cannot bind growth factors. Amplification and/or overexpression of this gene has been reported in numerous cancers, including breast and ovarian tumors. Alternative splicing results in several additional transcript variants, some encoding different isoforms and others that have not been fully characterized.

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## Overview

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|---|---|
| Product Name | Anti-Phospho-HER2/ERBB2 (Y877) Antibody |
| Reactive Species | Human, Mouse, Rat |
| Description | Boster Bio Anti-Phospho-HER2/ERBB2 (Y877) Antibody catalog # P00010-3. Tested in WB, IHC, ICC, IF, IP applications. This antibody reacts with Human, Mouse, Rat. |
| Application | IP, IF, IHC, ICC, WB |
| Clonality | Polyclonal |
| Formulation | 500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg stabilizing protein and 50% glycerol<br>This antibody is supplied in a stabilized formulation.<br>Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required. |
| Storage Instructions | 12 months from date of receipt□-20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing. |
| Host | Rabbit |
| Uniprot ID | P04626 |

## Technical Details

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| Immunogen | A synthesized peptide derived from human HER2/ErbB2 around the phosphorylation site of |

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|---|---|
| | Tyr877. |
| Form | Liquid |
| Concentration | 500 ug/ml |
| Purification | Protein A affinity purified. |
| Suggested Dilutions | Western blot, 1:500-2000<br>Immunohistochemistry, 1:50-200<br>Immunocytochemistry/Immunofluorescence, 1:50-200<br>ImmunoPrecipitation, 1:250-300 |

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For Research Use Only. Not for use in diagnostic procedures.