

## Anti-Phospho-ErbB 3 (Y1289) Rabbit Monoclonal Antibody Catalog # ABO16793

### Specification

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#### Anti-Phospho-ErbB 3 (Y1289) Rabbit Monoclonal Antibody - Product Information

|                   |                        |
|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">P21860</a> |
| Host              | Rabbit                 |
| Isotype           | Rabbit IgG             |
| Reactivity        | Human                  |
| Clonality         | Monoclonal             |
| Format            | Liquid                 |

#### Description

Anti-Phospho-ErbB 3 (Y1289) Rabbit Monoclonal Antibody . Tested in WB applications. This antibody reacts with Human.

#### Anti-Phospho-ErbB 3 (Y1289) Rabbit Monoclonal Antibody - Additional Information

Gene ID 2065

#### Other Names

Receptor tyrosine-protein kinase erbB-3, 2.7.10.1, Proto-oncogene-like protein c-ErbB-3, Tyrosine kinase-type cell surface receptor HER3, ERBB3, HER3

#### Application Details

WB 1:500-1:2000

#### Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

#### Immunogen

A synthesized peptide derived from human Phospho-ErbB 3 (Y1289)

#### Purification

Affinity-chromatography

Storage

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

#### Anti-Phospho-ErbB 3 (Y1289) Rabbit Monoclonal Antibody - Protein Information

Name ERBB3

Synonyms HER3

**Function**

Tyrosine-protein kinase that plays an essential role as cell surface receptor for neuregulins. Binds to neuregulin-1 (NRG1) and is activated by it; ligand-binding increases phosphorylation on tyrosine residues and promotes its association with the p85 subunit of phosphatidylinositol 3-kinase (PubMed:<<http://www.uniprot.org/citations/20682778></a>). May also be activated by CSPG5 (PubMed:<<http://www.uniprot.org/citations/15358134></a>). Involved in the regulation of myeloid cell differentiation (PubMed:<<http://www.uniprot.org/citations/27416908></a>).

**Cellular Location**

[Isoform 1]: Cell membrane; Single-pass type I membrane protein

**Tissue Location**

Epithelial tissues and brain.

**Anti-Phospho-ErbB 3 (Y1289) Rabbit Monoclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-Phospho-ErbB 3 (Y1289) Rabbit Monoclonal Antibody - Images**