

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