

**EREG Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP4798b****Specification**

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**EREG Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [O14944](#)**EREG Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 2069**Other Names**

Proepiregulin, Epiregulin, EPR, EREG

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**EREG Antibody (C-term) Blocking Peptide - Protein Information****Name** EREG**Function**

Ligand of the EGF receptor/EGFR and ERBB4. Stimulates EGFR and ERBB4 tyrosine phosphorylation (PubMed:&lt;a href="http://www.uniprot.org/citations/9419975" target="\_blank"&gt;9419975&lt;/a&gt;). Contributes to inflammation, wound healing, tissue repair, and oocyte maturation by regulating angiogenesis and vascular remodeling and by stimulating cell proliferation (PubMed:&lt;a href="http://www.uniprot.org/citations/24631357" target="\_blank"&gt;24631357&lt;/a&gt;).

**Cellular Location**

[Epiregulin]: Secreted, extracellular space

**Tissue Location**

In normal adults, expressed predominantly in the placenta and peripheral blood leukocytes. High levels were detected in carcinomas of the bladder, lung, kidney and colon

**EREG Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **EREG Antibody (C-term) Blocking Peptide - Images**

#### **EREG Antibody (C-term) Blocking Peptide - Background**

EREG is a member of the epidermal growth factor family. EREG can function as a ligand of EGFR (epidermal growth factor receptor), as well as a ligand of most members of the ERBB (v-erb-b2 oncogene homolog) family of tyrosine-kinase receptors.

#### **EREG Antibody (C-term) Blocking Peptide - References**

Ben-Ami, I., et al. Hum. Reprod. 24(1):176-184(2009)Cho, M.C., et al. Biochem. Biophys. Res. Commun. 377(3):832-837(2008)Lasky-Su, J., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 147B (8), 1345-1354 (2008)