

**ECGF1 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP7295c****Specification**

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**ECGF1 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [P19971](#)**ECGF1 Antibody (Center) Blocking Peptide - Additional Information**

Gene ID 1890

**Other Names**

Thymidine phosphorylase, TP, Gliostatin, Platelet-derived endothelial cell growth factor, PD-ECGF, TdRPase, TYMP, ECGF1

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP7295c](/product/products/AP7295c) was selected from the Center region of human ECGF1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**ECGF1 Antibody (Center) Blocking Peptide - Protein Information**Name TYMP ([HGNC:3148](#))

Synonyms ECGF1

**Function**

May have a role in maintaining the integrity of the blood vessels. Has growth promoting activity on endothelial cells, angiogenic activity in vivo and chemotactic activity on endothelial cells in vitro.

**ECGF1 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **ECGF1 Antibody (Center) Blocking Peptide - Images**

#### **ECGF1 Antibody (Center) Blocking Peptide - Background**

ECGF1 is an angiogenic factor which promotes angiogenesis in vivo and stimulates the in vitro growth of a variety of endothelial cells. It has a highly restricted target cell specificity acting only on endothelial cells. Mutations in the gene encoding ECGF1 have been associated with mitochondrial neurogastrointestinal encephalomyopathy.

#### **ECGF1 Antibody (Center) Blocking Peptide - References**

Stenman,G.,Cytogenet. Cell Genet. 59 (1), 22-23 (1992)Jinfeng,M.,Hepatogastroenterology 54 (78), 1635-1640 (2007)