

**PIGS Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP18217b**

**Specification**

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**PIGS Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [Q96S52](#)

**PIGS Antibody (C-term) Blocking Peptide - Additional Information**

**Gene ID** 94005

**Other Names**

GPI transamidase component PIG-S, Phosphatidylinositol-glycan biosynthesis class S protein, PIGS

**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.

**PIGS Antibody (C-term) Blocking Peptide - Protein Information**

**Name** PIGS

**Function**

Component of the GPI transamidase complex. Essential for transfer of GPI to proteins, particularly for formation of carbonyl intermediates.

**Cellular Location**

Endoplasmic reticulum membrane; Multi-pass membrane protein

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

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

- [Blocking Peptides](#)

**PIGS Antibody (C-term) Blocking Peptide - Images**

**PIGS Antibody (C-term) Blocking Peptide - Background**

This gene encodes a protein that is involved in GPI-anchor biosynthesis. The

glycosylphosphatidylinositol (GPI) anchor is a glycolipid found on many blood cells and serves to anchor proteins to the cell surface. This gene encodes an essential component of the multisubunit enzyme, GPI transamidase. GPI transamidase mediates GPI anchoring in the endoplasmic reticulum, by catalyzing the transfer of fully assembled GPI units to proteins. [provided by RefSeq].

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

Vainauskas, S., et al. J. Biol. Chem. 280(16):16402-16409(2005) Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003) Hong, Y., et al. Mol. Biol. Cell 14(5):1780-1789(2003) Ohishi, K., et al. J. Biol. Chem. 278(16):13959-13967(2003) Vainauskas, S., et al. J. Biol. Chem. 277(34):30535-30542(2002)