

**PKM1 Antibody (C-term L398) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP19437b**

**Specification**

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**PKM1 Antibody (C-term L398) Blocking Peptide - Product Information**

**PKM1 Antibody (C-term L398) Blocking Peptide - Additional Information**

**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.

**PKM1 Antibody (C-term L398) Blocking Peptide - Protein Information**

**PKM1 Antibody (C-term L398) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**PKM1 Antibody (C-term L398) Blocking Peptide - Images**

**PKM1 Antibody (C-term L398) Blocking Peptide - Background**

This gene encodes a protein involved in glycolysis. The encoded protein is a pyruvate kinase that catalyzes the transfer of a phosphoryl group from phosphoenolpyruvate to ADP, generating ATP and pyruvate. This protein has been shown to interact with thyroid hormone and may mediate cellular metabolic effects induced by thyroid hormones. This protein has been found to bind Opa protein, a bacterial outer membrane protein involved in gonococcal adherence and invasion of human cells, suggesting a role of this protein in bacterial pathogenesis. Three alternatively spliced transcript variants encoding two distinct isoforms have been reported.

**PKM1 Antibody (C-term L398) Blocking Peptide - References**

Vander Heiden, M.G., et al. Science 329(5998):1492-1499(2010) Ruano, G., et al. Pharmacogenomics 11(7):959-971(2010) Gupta, V., et al. J. Biol. Chem. 285(22):16864-16873(2010) Benesch, C., et al. Anticancer Res. 30(5):1689-1694(2010) Landt, S., et al. Anticancer Res. 30(2):375-381(2010)