

**PMS1 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP14975b**

**Specification**

---

**PMS1 Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [P54277](#)

**PMS1 Antibody (C-term) Blocking Peptide - Additional Information**

**Gene ID** 5378

**Other Names**

PMS1 protein homolog 1, DNA mismatch repair protein PMS1, PMS1, PMSL1

**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.

**PMS1 Antibody (C-term) Blocking Peptide - Protein Information**

**Name** PMS1

**Synonyms** PMSL1

**Function**

Probably involved in the repair of mismatches in DNA.

**Cellular Location**

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00267}.

**PMS1 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**PMS1 Antibody (C-term) Blocking Peptide - Images**

**PMS1 Antibody (C-term) Blocking Peptide - Background**

This gene encodes a protein belonging to the DNA mismatch repair mutL/hexB family. This protein is thought to be involved in the repair of DNA mismatches, and it can form heterodimers with MLH1, a known DNA mismatch repair protein. Mutations in this gene cause hereditary nonpolyposis colorectal cancer type 3 (HNPCC3) either alone or in combination with mutations in other genes involved in the HNPCC phenotype, which is also known as Lynch syndrome.

#### **PMS1 Antibody (C-term) Blocking Peptide - References**

Hong, K.W., et al. J. Hum. Genet. 55(6):336-341(2010) Monsees, G.M., et al. Breast Cancer Res. Treat. (2010) In press : Guey, L.T., et al. Eur. Urol. 57(2):283-292(2010) Hosgood, H.D. III, et al. Respir Med 103(12):1866-1870(2009) Adeyemo, A., et al. PLoS Genet. 5 (7), E1000564 (2009) :