

**MAGEC1 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6175a****Specification**

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**MAGEC1 Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [O60732](#)  
Other Accession [NP\\_005453](#)

**MAGEC1 Antibody (C-term) Blocking Peptide - Additional Information**

**Gene ID** 9947

**Other Names**

Melanoma-associated antigen C1, Cancer/testis antigen 71, CT71, MAGE-C1 antigen, MAGEC1

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6175a](/product/products/AP6175a) was selected from the C-term region of human MAGEC1. 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.

**MAGEC1 Antibody (C-term) Blocking Peptide - Protein Information**

**Name** MAGEC1

**Tissue Location**

Expressed in testis and in tumors of a wide variety of histologic types

**MAGEC1 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**MAGEC1 Antibody (C-term) Blocking Peptide - Images**

**MAGEC1 Antibody (C-term) Blocking Peptide - Background**

MAGEC1 is a member of the melanoma antigen gene (MAGE) family. The proteins of this family are tumor-specific antigens that can be recognized by autologous cytolytic T lymphocytes. This protein contains a large number of unique short repetitive sequences in front of the MAGE-homologous sequence, thus is about 800 residues longer than the other MAGE proteins. This gene is expressed in a significant proportion of tumors of various histological types, whereas it is silent in normal tissues, except testis. The function of this gene is unknown.

**MAGEC1 Antibody (C-term) Blocking Peptide - References**

Jungbluth, A.A., et al., Int. J. Cancer 99(6):839-845 (2002). Chen, Y.T., et al., Proc. Natl. Acad. Sci. U.S.A. 95(12):6919-6923 (1998). Lucas, S., et al., Cancer Res. 58(4):743-752 (1998). Lim, S.H., et al., Eur. J. Haematol. 67 (5-6), 332-334 (2001).