

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

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).