

**MAGEA10 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6160a****Specification****MAGEA10 Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [P43363](#)  
Other Accession [NP\\_066386](#)

**MAGEA10 Antibody (C-term) Blocking Peptide - Additional Information**

**Gene ID** 4109

**Other Names**

Melanoma-associated antigen 10,  
Cancer/testis antigen 110, CT110, MAGE-10  
antigen, MAGEA10, MAGE10

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6160a](/product/products/AP6160a) was selected from the C-term region of human MAGEA10. 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.

**MAGEA10 Antibody (C-term) Blocking Peptide - Protein Information**

**Name** MAGEA10

**MAGEA10 Antibody (C-term) Blocking Peptide - Background**

MAGEA10 is a member of the MAGEA gene family. The members of this family have their entire coding sequences located in the last exon, and the encoded proteins show 50 to 80% sequence identity between each other. The promoters and first exons of the MAGEA genes show considerable variability, suggesting that the existence of this gene family enables the same function to be expressed under different transcriptional controls. The MAGEA genes are expressed at a high level in a number of tumors of various histologic types, and are silent in normal tissues with the exception of testis and placenta. The MAGEA genes are clustered on chromosome Xq28. They may be implicated in some hereditary disorders, such as dyskeratosis congenita.

**MAGEA10 Antibody (C-term) Blocking Peptide - References**

Rogner, U.C., et al., Genomics 29(3):725-731 (1995). De Plaen, E., et al., Immunogenetics 40(5):360-369 (1994).

**Synonyms** MAGE10**Function**

Not known, though may play a role in embryonal development and tumor transformation or aspects of tumor progression.

**Cellular Location**

Nucleus.

**Tissue Location**

Expressed in many tumors of several types, such as melanoma, head and neck squamous cell carcinoma, lung carcinoma and breast carcinoma, but not in normal tissues except for spermatogonia, spermatocytes and placenta.

**MAGEA10 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)