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MAGEA12 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP6162a

Specification

MAGEA12 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession	P43365
Other Accession	NP_005358

MAGEA12 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 4111

Other Names
Melanoma-associated antigen 12, Cancer/testis antigen 112, CT112, MAGE-12 antigen, MAGE12F antigen, MAGEA12, MAGE12

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6162a was selected from the N-term region of human MAGEA12 . 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.

MAGEA12 Antibody (N-term) Blocking Peptide - Protein Information

MAGEA12 Antibody (N-term) Blocking Peptide - Background

MAGEA12 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 gene is expressed in various tumors and tumor cell lines from different tissue origins, but not detected in normal tissues, except testis. The function of this gene is unknown. This and other MAGE genes form a gene cluster at chromosome Xq28 region.

MAGEA12 Antibody (N-term) Blocking Peptide - References

Mallon, A.M., et al., Genome Res. 10(6):758-775 (2000).Rogner, U.C., et al., Genomics 29(3):725-731 (1995).Ding, M., et al., Biochem. Biophys. Res. Commun. 202(1):549-555 (1994).De Smet, C., et al., Immunogenetics 39(2):121-129 (1994).De Plaen, E., et al., Immunogenetics 40(5):360-369 (1994).

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Name MAGEA12

Synonyms MAGE12

Function
Not known, though may play a role tumor transformation or progression. In vitro promotes cell viability in melanoma cell lines.

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 testes

MAGEA12 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides