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MAGEA5 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP6167a

Specification

MAGEA5 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession	P43359
Other Accession	NP_066387

MAGEA5 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 100533997

Other Names
Melanoma-associated antigen 5, Cancer/testis antigen 15, CT15, MAGE-5 antigen, MAGEA5, MAGE5

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6167a was selected from the N-term region of human MAGEA5 . 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.

MAGEA5 Antibody (N-term) Blocking Peptide - Protein Information

Name MAGEA5P (HGNC:6803)

Function
May negatively regulates apoptosis.

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

MAGEA5 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

MAGEA5 Antibody (N-term) Blocking Peptide - Images

MAGEA5 Antibody (N-term) Blocking Peptide - Background

MAGEA5 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. This gene appeared to be the most weakly expressed member of the family, at fewer than 2 copies per cell. It was isolated from adult muscle.

MAGEA5 Antibody (N-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).