10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MAGEA6 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP6168a

Specification

MAGEA6 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession	P43360
Other Accession	NP_005354

MAGEA6 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 4105

Other Names
Melanoma-associated antigen 6, Cancer/testis antigen 16, CT16, MAGE-6 antigen, MAGE3B antigen, MAGEA6, MAGE6

Target/Specificity
The synthetic peptide sequence is selected from the C-terminus of human MAGEA6.

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.

MAGEA6 Antibody (C-term) Blocking Peptide - Protein Information

Name MAGEA6 {ECO:0000303|PubMed:31267705, ECO:0000312|HGNC:HGNC:6804}

Function
Activator of ubiquitin ligase activity of RING-type zinc finger-containing E3 ubiquitin-protein ligases that acts as a repressor of autophagy (PubMed:31267705, PubMed:17942928, PubMed:20864041). May enhance ubiquitin ligase activity of TRIM28 and stimulate p53/TP53 ubiquitination by TRIM28. Proposed to act through recruitment and/or stabilization of the Ubl-conjugating enzyme (E2) at the E3:substrate complex (PubMed:17942928, PubMed:20864041). May play a role in tumor transformation or aspects of tumor progression (PubMed:17942928, PubMed:20864041). In vitro promotes cell viability in melanoma cell lines

(PubMed:17942928).

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

MAGEA6 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

MAGEA6 Antibody (C-term) Blocking Peptide - Images

MAGEA6 Antibody (C-term) Blocking Peptide - Background

MAGEA6 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.

MAGEA6 Antibody (C-term) Blocking Peptide - References

Tatsumi, T., et al., Clin. Cancer Res. 9(3):947-954 (2003).Tatsumi, T., et al., J. Exp. Med. 196(5):619-628 (2002).Imai, Y., et al., Gene 160(2):287-290 (1995).Rogner, U.C., et al., Genomics 29(3):725-731 (1995).De Plaen, E., et al., Immunogenetics 40(5):360-369 (1994).