

**MAGEE1 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6178a****Specification**

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**MAGEE1 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q9UBF1](#)**MAGEE1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 51438**Other Names**

Melanoma-associated antigen C2, Cancer/testis antigen 10, CT10, Hepatocellular carcinoma-associated antigen 587, MAGE-C2 antigen, MAGE-E1 antigen, MAGEC2, HCA587, MAGEE1

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6178a](/product/products/AP6178a) was selected from the N-term region of human MAGEE1. 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.

**MAGEE1 Antibody (N-term) Blocking Peptide - Protein Information****Name** MAGEC2**Synonyms** HCA587, MAGEE1**Function**

Proposed to enhance ubiquitin ligase activity of RING-type zinc finger-containing E3 ubiquitin-protein ligases. In vitro enhances ubiquitin ligase activity of TRIM28 and stimulates p53/TP53 ubiquitination in presence of Ubl-conjugating enzyme UBE2H leading to p53/TP53 degradation. Proposed to act through recruitment and/or stabilization of the Ubl-conjugating enzymes (E2) at the E3:substrate complex.

**Cellular Location**

Cytoplasm. Nucleus. Note=Nuclear in germ cells. Cytoplasmic in well-differentiated hepatocellular

carcinoma, nuclear in moderately- and poorly-differentiated hepatocellular carcinoma

**Tissue Location**

Not expressed in normal tissues, except in germ cells in the seminiferous tubules and in Purkinje cells of the cerebellum. Expressed in various tumors, including melanoma, lymphoma, as well as pancreatic cancer, mammary gland cancer, non-small cell lung cancer and liver cancer. In hepatocellular carcinoma, there is an inverse correlation between tumor differentiation and protein expression, i.e. the lower the differentiation, the higher percentage of expression.

**MAGEE1 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**MAGEE1 Antibody (N-term) Blocking Peptide - Images****MAGEE1 Antibody (N-term) Blocking Peptide - Background**

MAGEE1 is related to members of the MAGEC gene family. It is not expressed in normal tissues, except for testis, and is expressed in tumors of various histological types. This gene and the MAGEC genes are clustered on chromosome Xq26-q27.

**MAGEE1 Antibody (N-term) Blocking Peptide - References**

Ma, W., et al., Int. J. Cancer 109(5):698-702 (2004). Li, B., et al., Lab. Invest. 83(8):1185-1192 (2003). Wang, Y., et al., J. Immunol. 169(2):1102-1109 (2002). Lucas, S., et al., Int. J. Cancer 87(1):55-60 (2000). Gure, A.O., et al., Int. J. Cancer 85(5):726-732 (2000).