

**MAGED2 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6177a****Specification**

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**MAGED2 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q9UNF1](#)**MAGED2 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 10916**Other Names**

Melanoma-associated antigen D2, 11B6, Breast cancer-associated gene 1 protein, BCG-1, Hepatocellular carcinoma-associated protein JCL-1, MAGE-D2 antigen, MAGED2, BCG1

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6177a](/product/products/AP6177a) was selected from the C-term region of human MAGED2. 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.

**MAGED2 Antibody (C-term) Blocking Peptide - Protein Information****Name** MAGED2**Synonyms** BCG1**Function**

Regulates the expression, localization to the plasma membrane and function of the sodium chloride cotransporters SLC12A1 and SLC12A3, two key components of salt reabsorption in the distal renal tubule.

**Tissue Location**

Widely expressed. In the developing and adult kidney, expressed in the thick ascending limb of the loop of Henle and the distal convoluted tubules outside the loop

## **MAGED2 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **MAGED2 Antibody (C-term) Blocking Peptide - Images**

## **MAGED2 Antibody (C-term) Blocking Peptide - Background**

MAGED2 is a member of the MAGED gene family. In contrast to the MAGEA and MAGEB genes, which have their entire coding sequences located in the last exon, the MAGED genes have their coding sequences located throughout multiple exons. Also, the MAGEA and MAGEB genes are silent in normal tissues with the exception of testis and placenta, whereas the MAGED genes are expressed ubiquitously. The MAGED genes are clustered on chromosome Xp11. This gene is located in Xp11.2, a hot spot for X-linked mental retardation (XLMR).

## **MAGED2 Antibody (C-term) Blocking Peptide - References**

Lucas, S., et al., Cancer Res. 59(16):4100-4103 (1999). Langnaese, K., et al., Cytogenet. Cell Genet. 94 (3-4), 233-240 (2001).