

**TMEM123 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17770b****Specification**

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**TMEM123 Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [Q8N131](#)

**TMEM123 Antibody (C-term) Blocking Peptide - Additional Information**

**Gene ID** 114908

**Other Names**

Porimin, Keratinocytes-associated transmembrane protein 3, KCT-3, Pro-oncosis receptor inducing membrane injury, Transmembrane protein 123, TMEM123, KCT3

**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.

**TMEM123 Antibody (C-term) Blocking Peptide - Protein Information**

**Name** TMEM123

**Synonyms** KCT3

**Function**

Implicated in oncotic cell death, characterized by cell swelling, organelle swelling, vacuolization and increased membrane permeability.

**Cellular Location**

Membrane; Single-pass type I membrane protein

**Tissue Location**

Ubiquitous. Not expressed in ovary. Expressed in keratinocytes.

**TMEM123 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **TMEM123 Antibody (C-term) Blocking Peptide - Images**

#### **TMEM123 Antibody (C-term) Blocking Peptide - Background**

This gene encodes a highly glycosylated transmembraneprotein with a high content of threonine and serine residues in itsextracellular domain, similar to a broadly defined category ofproteins termed mucins. Exposure of some cell types to anti-PORIMIN(pro-oncosis receptor inducing membrane injury) antibody,crosslinks this protein on the cell surface and induces a type ofcell death termed oncosis. Oncosis is distinct from apoptosis andis characterized by a loss of cell membrane integrity without DNAfragmentation. This gene product is proposed to function as a cellsurface receptor that mediates cell death.

#### **TMEM123 Antibody (C-term) Blocking Peptide - References**

Zhang, Z., et al. Protein Sci. 13(10):2819-2824(2004)Bonkobara, M., et al. Br. J. Dermatol. 148(4):654-664(2003)Dekker, J., et al. Trends Biochem. Sci. 27(3):126-131(2002)Ma, F., et al. Proc. Natl. Acad. Sci. U.S.A. 98(17):9778-9783(2001)Zhang, C., et al. Proc. Natl. Acad. Sci. U.S.A. 95(11):6290-6295(1998)