

TMEM203 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13264b**Specification**

TMEM203 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q969S6](#)**TMEM203 Antibody (C-term) Blocking peptide - Additional Information**

Gene ID 94107

Other Names

Transmembrane protein 203, TMEM203

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13264b was selected from the C-term region of TMEM203. 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.

TMEM203 Antibody (C-term) Blocking peptide - Protein Information

Name TMEM203

Function

Involved in the regulation of cellular calcium homeostasis (PubMed:25996873). Required for spermatogenesis (PubMed:25996873). Acts as a regulator of STING-mediated inflammatory signaling in macrophages (PubMed:31346090). Forms a complex with STING, promoting the activity of TBK1 kinase and the transcription factor IRF3, leading to activation of type I interferon expression (By similarity).

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein. Endoplasmic reticulum-Golgi intermediate compartment {ECO:0000250|UniProtKB:Q8R235}. Lysosome membrane {ECO:0000250|UniProtKB:Q8R235}; Multi-pass membrane protein. Note=Co-localizes with STING1

in the lysosome membrane, mediates lysosomal localization of STING1
{ECO:0000250|UniProtKB:Q8R235}

Tissue Location

Increased expression seen in T-lymphocytes from patients with systemic lupus erythematosus (SLE)

TMEM203 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

TMEM203 Antibody (C-term) Blocking peptide - Images**TMEM203 Antibody (C-term) Blocking peptide - Background**

The specific function of this protein remains unknown.

TMEM203 Antibody (C-term) Blocking peptide - References

Strausberg, R.L., et al. Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903(2002)