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MALD2 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP9219b

Specification

MALD2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q8N4S9

MALD2 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 153562

Other Names
MARVEL domain-containing protein 2, Tricellulin, MARVELD2, TRIC

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP9219b was selected from the C-term region of human MALD2. 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.

MALD2 Antibody (C-term) Blocking Peptide - Protein Information

Name MARVELD2 (HGNC:26401)

Synonyms TRIC

Function
Plays a role in the formation of tricellular tight junctions and of epithelial barriers (By similarity). Required for normal hearing via its role in the separation of the endolymphatic and perilymphatic spaces of the organ of Corti in the inner ear, and for normal survival of hair cells in the organ of Corti (PubMed:17186462).

Cellular Location
Cell membrane; Multi-pass membrane protein. Cell junction, tight junction. Note=Located at tricellular contacts.

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MALD2 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

MALD2 Antibody (C-term) Blocking Peptide - Images

MALD2 Antibody (C-term) Blocking Peptide - Background

MALD2 plays a role in the formation of the epithelial barriers. The separation of the endolymphatic and perilymphatic spaces of the organ of Corti from one another by epithelial barriers is required for normal hearing.

MALD2 Antibody (C-term) Blocking Peptide - References

Tam,S., et.al., Nat. Struct. Mol. Biol. 16 (12), 1279-1285 (2009)Krug,S.M., et.al., Mol. Biol. Cell 20 (16), 3713-3724 (2009)