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S1PR2 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP18911b

Specification

S1PR2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession O95136

S1PR2 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 9294

Other Names
Sphingosine 1-phosphate receptor 2, S1P receptor 2, S1P2, Endothelial differentiation G-protein coupled receptor 5, Sphingosine 1-phosphate receptor Edg-5, S1P receptor Edg-5, S1PR2, EDG5

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.

S1PR2 Antibody (C-term) Blocking Peptide - Protein Information

Name S1PR2

Synonyms EDG5

Function
Receptor for the lysosphingolipid sphingosine 1-phosphate (S1P) (PubMed:10617617). S1P is a bioactive lysophospholipid that elicits diverse physiological effects on most types of cells and tissues (PubMed:10617617). When expressed in rat HTC4 hepatoma cells, is capable of mediating S1P-induced cell proliferation and suppression of apoptosis (PubMed:10617617). Receptor for the chemokine-like protein FAM19A5 (PubMed:29453251). Mediates the inhibitory effect of FAM19A5 on vascular smooth muscle cell proliferation and migration (By similarity).

Cellular Location
Cell membrane; Multi-pass membrane protein.

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S1PR2 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

S1PR2 Antibody (C-term) Blocking Peptide - Images

S1PR2 Antibody (C-term) Blocking Peptide - Background

This gene encodes a member of the G protein-coupledreceptors, as well as the EDG family of proteins. This proteinparticipates in sphingosine 1-phosphate-induced cell proliferation,survival, and transcriptional activation

S1PR2 Antibody (C-term) Blocking Peptide - References

Oskeritzian, C.A., et al. J. Exp. Med. 207(3):465-474(2010)McGeachie, M., et al. Circulation 120(24):2448-2454(2009)Cattoretti, G., et al. Cancer Res. 69(22):8686-8692(2009)Randriamboavonjy, V., et al. Basic Res. Cardiol. 104(3):333-340(2009)Li, M.H., et al. Mol. Cancer Res. 6(10):1649-1656(2008)