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LTB4R2 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP16128b

Specification

LTB4R2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q9NPC1

LTB4R2 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 56413

Other Names
Leukotriene B4 receptor 2, LTB4-R 2, LTB4-R2, LTB4 receptor JULF2, Leukotriene B4 receptor BLT2, Seven transmembrane receptor BLTR2, LTB4R2, BLT2R, BLTR2

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.

LTB4R2 Antibody (C-term) Blocking Peptide - Protein Information

Name LTB4R2

Synonyms BLT2R, BLTR2

Function
Low-affinity receptor for leukotrienes including leukotriene B4. Mediates chemotaxis of granulocytes and macrophages. The response is mediated via G-proteins that activate a phosphatidylinositol-calcium second messenger system. The rank order of affinities for the leukotrienes is LTB4 > 12-epi-LTB4 > LTB5 > LTB3.

Cellular Location
Cell membrane; Multi-pass membrane protein.

Tissue Location
Widely expressed.

LTB4R2 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

LTB4R2 Antibody (C-term) Blocking Peptide - Images

LTB4R2 Antibody (C-term) Blocking Peptide - Background

Low-affinity receptor for leukotrienes including leukotriene B4. Mediates chemotaxis of granulocytes and macrophages. The response is mediated via G-proteins that activate a phosphatidylinositol-calcium second messenger system. The rank order of affinities for the leukotrienes is LTB4 > 12-epi-LTB4 > LTB5 > LTB3.

LTB4R2 Antibody (C-term) Blocking Peptide - References

Kim, G.Y., et al. J. Immunol. 184(7):3946-3954(2010)Ryu, H.C., et al. J. Invest. Dermatol. 130(4):1095-1106(2010)Choi, J.A., et al. Carcinogenesis 31(4):543-551(2010)Cho, K.J., et al. Am. J. Respir. Cell Mol. Biol. 42(3):294-303(2010)Arcemisbehere, L., et al. J. Biol. Chem. 285(9):6337-6347(2010)