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FPRL1 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP10206c

Specification

FPRL1 Antibody (Center) Blocking peptide - Product Information

Primary Accession	P25090
Other Accession	NP_001005738.1, NP_001453.1

FPRL1 Antibody (Center) Blocking peptide - Additional Information

Gene ID 2358

Other Names
N-formyl peptide receptor 2, FMLP-related receptor I, FMLP-R-I, Formyl peptide receptor-like 1, HM63, Lipoxin A4 receptor, LXA4 receptor, RFP, FPR2, FPRH1, FPRL1, LXA4R

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.

FPRL1 Antibody (Center) Blocking peptide - Protein Information

Name FPR2

Synonyms FPRH1, FPRL1, LXA4R

Function
Low affinity receptor for N-formyl-methionyl peptides, which are powerful neutrophil chemotactic factors (PubMed:1374236). Binding of FMLP to the receptor causes activation of neutrophils (PubMed:1374236). This response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system (PubMed:1374236). The activation of LXA4R could result in an anti- inflammatory outcome counteracting the actions of pro-inflammatory signals such as LTB4 (leukotriene B4) (PubMed:9547339). Receptor for the chemokine-like protein FAM19A5, mediating FAM19A5-stimulated macrophage chemotaxis and the inhibitory effect on TNFSF11/RANKL- induced osteoclast differentiation (By similarity). Acts as a receptor for humanin (PubMed:15465011).

Cellular Location
Cell membrane; Multi-pass membrane protein Note=Associates with Amyloid-beta protein 42, product of APP, at the cell surface and the complex is then rapidly internalized (PubMed:11689470). Also internalized in the presence of humanin (PubMed:15465011).

Tissue Location
Detected in lung, bone marrow, neutrophils, spleen and testis.

FPRL1 Antibody (Center) Blocking peptide - Protocols

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

- Blocking Peptides

FPRL1 Antibody (Center) Blocking peptide - Images

FPRL1 Antibody (Center) Blocking peptide - References

Yang, E.M., et al. Ann. Allergy Asthma Immunol. 105(1):96-97(2010)Kretschmer, D., et al. Cell Host Microbe 7(6):463-473(2010)Lee, H.Y., et al. Exp. Mol. Med. 42(4):302-309(2010)Davila, S., et al. Genes Immun. 11(3):232-238(2010)Kim, S.D., et al. J. Immunol. 183(9):5511-5517(2009)