

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:<<http://www.uniprot.org/citations/1374236>>1374236). Binding of FMLP to the receptor causes activation of neutrophils (PubMed:<<http://www.uniprot.org/citations/1374236>>1374236). This response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system (PubMed:<<http://www.uniprot.org/citations/1374236>>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:<<http://www.uniprot.org/citations/9547339>>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:<<http://www.uniprot.org/citations/15465011>>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)