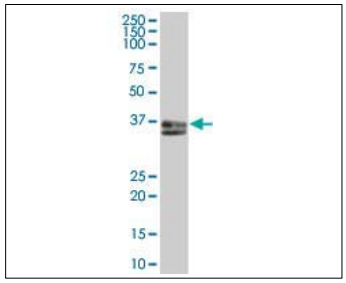
COSMO BIO CO., LTD.
Inspiration for Life Science

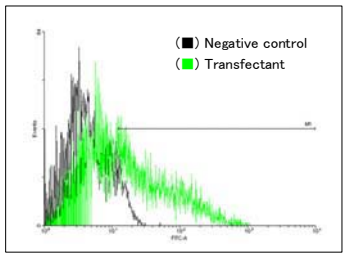
KAL-KB492 For research use only

Anti Human FPRL1 Polyclonal Antibody

Code No.	KB492
Terget	FPRL1
Category	GPCR
Gene ID	2358
Primary Source	HGNC:3827
Synonyms	ALXR; HM63; FMLPX; FPR2A; FPRH1; FPRH2; FPRL1; LXA4R; FMLP-R-II; FPR2
Type	Polyclonal Antibody
Immunogen	Recombinant protein of full length Human FPRL1
Raised in	Mouse
Myeloma	-
Clone number	-
Purification	Protein A purified
Source	Mouse Serum
Isotype	-
Cross Reactivity	-
Label	Unlabeled
Concentration	1 mg/mL
Contents (Volume)	50 µg
Buffer	PBS, pH 7.2
Storage	Store at - 20 ℃ long term, store at 4 ℃ short term. Avoid repeated freeze-thaw cycles.
Application	WB,FCM



[WB] FPRL1 transfected 293T cell lysate



[FCM] FPRL1 expressing 293 cells

ELISA	WB	IHC	ICC
-	1.0	-	-
IP	FCM	IF	Neutralization
-	1.0	-	-

(µg/mL)

Reference

1. Bao L., et al. "Mapping of genes for the human C5a receptor (C5AR), human FMLP receptor (FPR), and two FMLP receptor homologue orphan receptors (FPRH1, FPRH2) to chromosome 19." Genomics 13:437-440(1992)
2. Perez H.D., et al. "Cloning of a cDNA encoding a receptor related to the formyl peptide receptor of human neutrophils." Gene 118:303-304(1992)
3. Ye R.D., et al. "Isolation of a cDNA that encodes a novel granulocyte N-formyl peptide receptor." Biochem. Biophys. Res. Commun. 184:582-589(1992)

UniPlot Summary

//Function: Low affinity receptor for N-formyl-methionyl peptides, which are powerful neutrophils chemotactic factors. Binding of FMLP to the receptor causes activation of neutrophils. This response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system. The activation of LXA4R could result in an anti-inflammatory outcome counteracting the actions of proinflammatory signals such as LTB4 (leukotriene B4).
//Subcellular location: Cell membrane; Multi-pass membrane protein.
//Tissue specificity: Expressed abundantly in the lung and neutrophils. Also found in the spleen and testis.
//Sequence similarities: Belongs to the G-protein coupled receptor 1 family.

Manufactured by Trans Genic Inc.

COSMO BIO CO., LTD.
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TOYO 2CHOME, KOTO-KU, TOKYO, 135-0016, JAPAN
http://www.cosmobio.co.jp e-mail : export@cosmobio.co.jp
Phone : +81-3-5632-9617 FAX : +81-3-5632-9618