

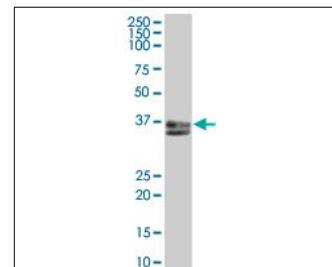
KB492

For research use only

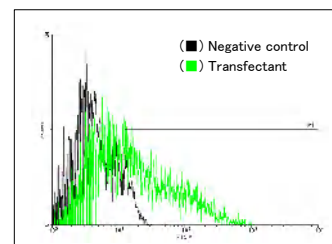
Anti Human FPRL1 Polyclonal Antibody

Code No. KB492
Target 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



[WB] FPRL1 transfected 293T cell lysate



[FCM] FPRL1 expressing 293 cells

Storage Store at - 20 °C long term, store at 4 °C short term. Avoid repeated freeze-thaw cycles.

Application WB,FCM

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.