

ARG66792 anti-FPR2 / FPRL1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes FPR2 / FPRL1
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	FPR2 / FPRL1
Species	Human
Immunogen	Synthetic peptide between aa. 130-210 of Human FPR2 / FPRL1.
Conjugation	Un-conjugated
Alternate Names	FMLP-related receptor I; N-formyl peptide receptor 2; RFP; FPRL1; Lipoxin A4 receptor; FPRH1; ALXR; FPRH2; HM63; FMLP-R-I; FPR2A; LXA4 receptor; FMLPX; Formyl peptide receptor-like 1; LXA4R; FMLP-R-II

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	SW480	
Observed Size	~ 39 kDa	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

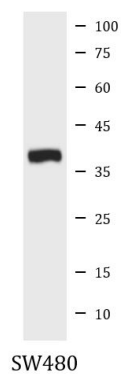
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	FPR2
Gene Full Name	formyl peptide receptor 2
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 proinflammatory 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). [UniProt]
Calculated Mw	39 kDa
Cellular Localization	Cell membrane; Multi-pass membrane protein. [UniProt]

Images



ARG66792 anti-FPR2 / FPRL1 antibody WB image

Western blot: SW480 cell lysate stained with ARG66792 anti-FPR2 / FPRL1 antibody at 1:1000 dilution, overnight at 4°C.