

# Product datasheet

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# 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-

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# **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.

#### 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

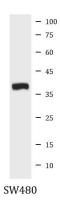
 ${\sf FAM19A5-stimulated}\ macrophage\ chemotax is\ and\ the\ inhibitory\ effect\ on\ {\sf TNFSF11/RANKL-induced}$ 

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.