

ARG66395 anti-FPR1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes FPR1
Tested Reactivity	Hu
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	FPR1
Species	Human
Immunogen	Synthetic peptide within aa. 130-210 of Human FPR1.
Conjugation	Un-conjugated
Alternate Names	N-formylpeptide chemoattractant receptor; FMLP; fMet-Leu-Phe receptor; N-formyl peptide receptor; FPR; fMLP receptor

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:200 - 1:1000
	IHC-P	1:200
	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.	

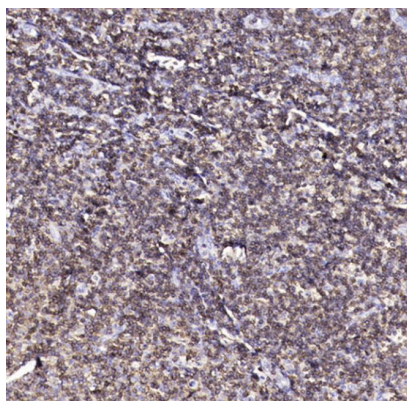
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.02% Sodium azide, 50% Glycerol and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol and 0.5% BSA
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

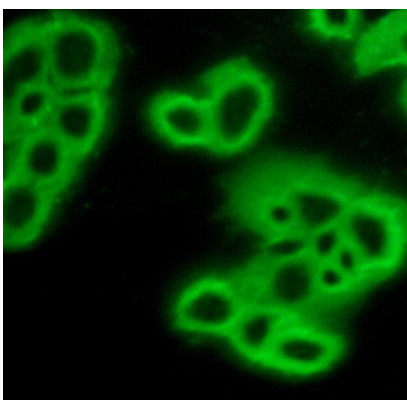
Gene Symbol	FPR1
Gene Full Name	formyl peptide receptor 1
Background	This gene encodes a G protein-coupled receptor of mammalian phagocytic cells that is a member of the G-protein coupled receptor 1 family. The protein mediates the response of phagocytic cells to invasion of the host by microorganisms and is important in host defense and inflammation.[provided by RefSeq, Jul 2010]
Function	High affinity receptor for N-formyl-methionyl peptides (fMLP), which are powerful neutrophil chemotactic factors. Binding of fMLP to the receptor stimulates intracellular calcium mobilization and superoxide anion release. This response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system. [UniProt]
Calculated Mw	38 kDa
PTM	Phosphorylated; which is necessary for desensitization. [UniProt]

Images



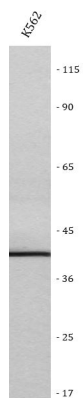
ARG66395 anti-FPR1 antibody IHC-P image

Immunohistochemistry: Human tonsil stained with ARG66395 anti-FPR1 antibody at 1:200 dilution.



ARG66395 anti-FPR1 antibody ICC/IF image

Immunofluorescence: MCF 7 stained with ARG66395 anti-FPR1 antibody.



ARG66395 anti-FPR1 antibody WB image

Western blot: K562 stained with ARG66395 anti-FPR1 antibody.