

FPR1 / FPR Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS10506**Specification**

FPR1 / FPR Antibody (C-Terminus) - Product Information

Application	IHC
Primary Accession	P21462
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38kDa KDa

FPR1 / FPR Antibody (C-Terminus) - Additional Information**Gene ID** 2357**Other Names**

fMet-Leu-Phe receptor, fMLP receptor, N-formyl peptide receptor, FPR, N-formylpeptide chemoattractant receptor, FPR1

Target/Specificity

Human FPR1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

FPR1 / FPR Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

FPR1 / FPR Antibody (C-Terminus) - Protein Information**Name** FPR1**Function**

High affinity receptor for N-formyl-methionyl peptides (fMLP), which are powerful neutrophil chemotactic factors (PubMed: 2161213, PubMed: 2176894, PubMed: 10514456, PubMed: 15153520). Binding of fMLP to the receptor stimulates intracellular calcium mobilization and superoxide anion release (PubMed: 2161213, PubMed: 1712023, PubMed: 15153520, PubMed: 15210802). This

response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system (PubMed:1712023, PubMed:10514456). Receptor for TFAA4, mediates its effects on chemoattracting macrophages, promoting phagocytosis and increasing ROS release (PubMed:25109685). Receptor for cathepsin CTSG, leading to increased phagocyte chemotaxis (PubMed:15210802).

Cellular Location

Cell membrane; Multi-pass membrane protein. Note=Internalizes in presence of its ligands, fMLP, TFAA4 and CTSG.

Tissue Location

Neutrophils.

Volume

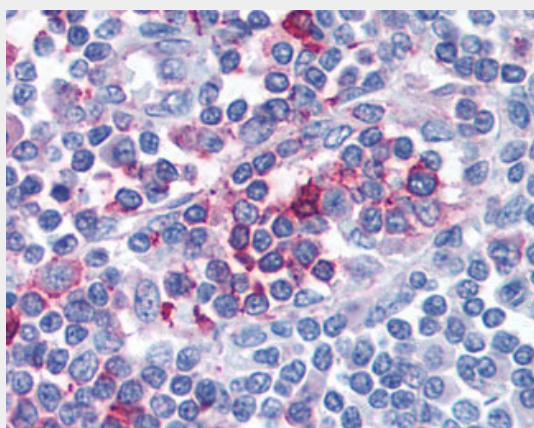
50 µl

FPR1 / FPR Antibody (C-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FPR1 / FPR Antibody (C-Terminus) - Images



Anti-FPR1 antibody ALS10506 IHC of human lymph node.

FPR1 / FPR Antibody (C-Terminus) - Background

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FPR1 / FPR Antibody (C-Terminus) - References

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