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Datasheet for ABIN7152974

## anti-FPR1 antibody (AA 306-350)

### 3 Images

#### Overview

Quantity:	100 µg
Target:	FPR1
Binding Specificity:	AA 306-350
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FPR1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

#### Product Details

Immunogen:	Recombinant Human fMet-Leu-Phe receptor protein (306-350AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

#### Target Details

Target:	FPR1
Alternative Name:	FPR1 ( <a href="#">FPR1 Products</a> )
Background:	Background: High affinity receptor for N-formyl-methionyl peptides (fMLP), which are powerful neutrophil chemotactic factors (PubMed:2161213, PubMed:2176894, PubMed:10514456,

## Target Details

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PubMed:15153520). Binding of fMLP to the receptor stimulates intracellular calcium mobilization and superoxide anion release (PubMed:2161213, PubMed:1712023, PubMed:15153520). This response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system (PubMed:1712023, PubMed:10514456).

Aliases: fMet Leu Phe receptor antibody, fMet-Leu-Phe receptor antibody, FMLP antibody, fMLP receptor antibody, FMLPR antibody, Formyl peptide receptor 1 antibody, FPR 1 antibody, FPR antibody, FPR receptor antibody, FPR1 antibody, FPR1\_HUMAN antibody, N formyl peptide chemoattractant receptor antibody, N formyl peptide receptor antibody, N formylpeptide chemoattractant receptor antibody, N-formyl peptide receptor antibody, N-formylpeptide chemoattractant receptor antibody

UniProt: [P21462](#)

## Application Details

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Application Notes: Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

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Format: Liquid

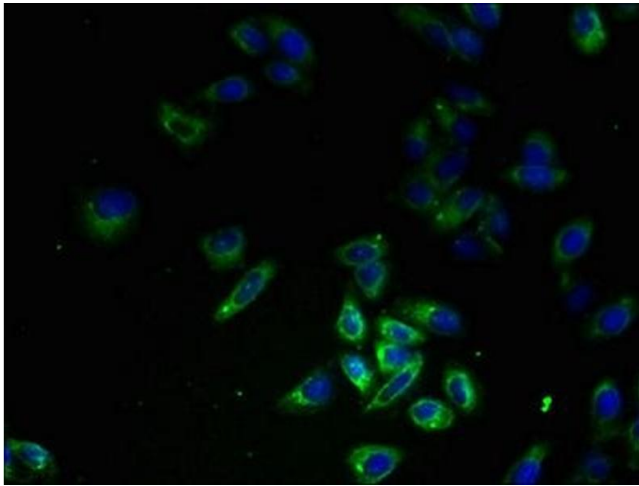
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

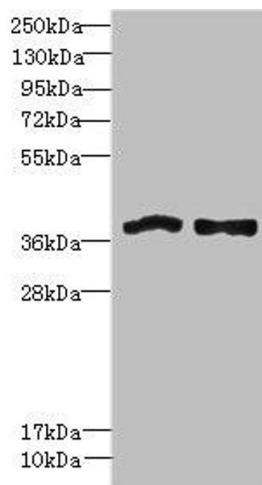
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



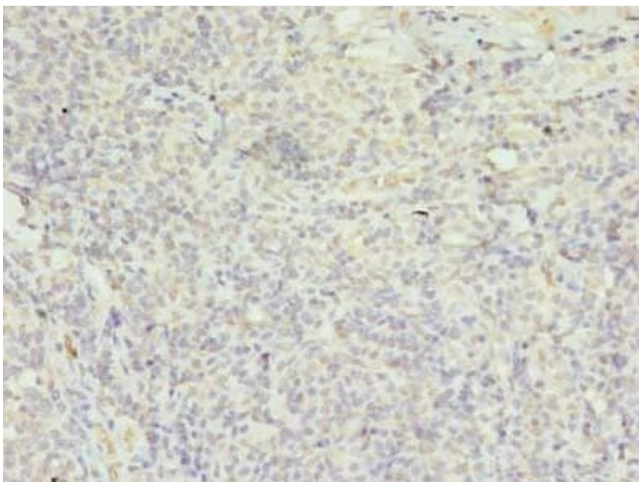
### Immunofluorescence

**Image 1.** Immunofluorescent analysis of HepG2 cells using ABIN7152974 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



### Western Blotting

**Image 2.** Western blot All lanes: FPR1 antibody at 6 µg/mL  
Lane 1: Colo320 whole cell lysate Lane 2: HT29 whole cell lysate  
Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution  
Predicted band size: 39 kDa Observed band size: 39 kDa



### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human tonsil tissue using ABIN7152974 at dilution of 1:100