

For Research Use Only

# FPR1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87473-1-PBS



## Basic Information

Catalog Number:

87473-1-PBS

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC005315

GeneID (NCBI):

2357

UNIPROT ID:

P21462

Full Name:

formyl peptide receptor 1

Calculated MW:

38 kDa

Observed MW:

38 kDa

Purification Method:

Protein A purification

CloneNo.:

252689B4

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

## Background Information

FPR1 is a G<sub>i</sub>-coupled innate immune GPCR that detects formylated peptides from bacteria and damaged mitochondria, initiating leukocyte chemotaxis and inflammatory activation. Predominantly expressed in neutrophils and monocytes, FPR1 functions as a frontline danger sensor in host defense. Dysregulated FPR1 signaling contributes to infectious susceptibility, acute inflammatory injury, and tumor-associated immune modulation, underscoring its importance in innate immunity and inflammatory disease.

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

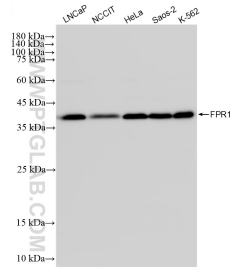
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87473-1-RR (FPR1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87473-1-PBS in a different storage buffer formulation.