

For Research Use Only

FPR1 Recombinant monoclonal antibody

Catalog Number: 87473-1-RR



Basic Information

Catalog Number:

87473-1-RR

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

Recommended Dilutions:

WB: 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : LNCaP cells, NCCIT cells, HeLa Cells, Saos-2 cells, K-562 cells

Background Information

FPR1 is a G_i-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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

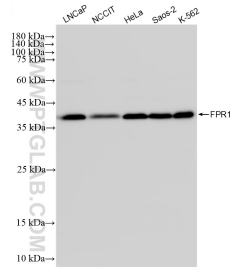
T: 4006900926

E: Proteintech-CN@ptglab.com

W: 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.