

For Research Use Only

FPR1 Polyclonal antibody, PBS Only

Catalog Number: 26164-1-PBS



Basic Information

Catalog Number:

26164-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG23105

GenBank Accession Number:

BC005315

GeneID (NCBI):

2357

UNIPROT ID:

P21462

Full Name:

formyl peptide receptor 1

Calculated MW:

38 kDa

Observed MW:

45 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

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 -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:

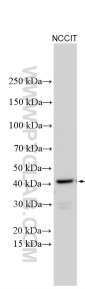
T: 4006900926

E: Proteintech-CN@ptglab.com

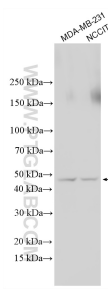
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26164-1-AP (FPR1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 26164-1-PBS in a different storage buffer formulation.



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