

For Research Use Only

FPR1 Polyclonal antibody, PBS Only

Catalog Number: 26164-1-PBS



Basic Information

Catalog Number: 26164-1-PBS	GenBank Accession Number: BC005315	Purification Method: Antigen affinity purification
Size: 100ug, Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 2357	
Source: Rabbit	UNIPROT ID: P21462	
Isotype: IgG	Full Name: formyl peptide receptor 1	
Immunogen Catalog Number: AG23105	Calculated MW: 38 kDa	
	Observed MW: 45 kDa	

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.

Storage Buffer:
PBS only, pH7.3

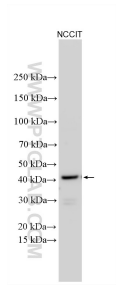
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

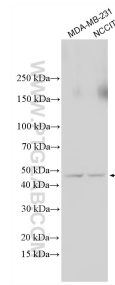
E: proteintech@ptglab.com
W: ptglab.com

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 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.



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.