

For Research Use Only

FPR1 Recombinant monoclonal antibody

Catalog Number: 87473-1-RR



Basic Information

Catalog Number: 87473-1-RR	GenBank Accession Number: BC005315	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2357	CloneNo.: 252689B4
Source: Rabbit	UNIPROT ID: P21462	Recommended Dilutions: WB: 1:1000-1:4000
Isotype: IgG	Full Name: formyl peptide receptor 1	
	Calculated MW: 38 kDa	
	Observed MW: 38 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : LNCaP cells, NCCIT cells, HeLa Cells, Saos-2 cells, K-562 cells
Species Specificity: human	

Background Information

FPR1 is a Gi-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

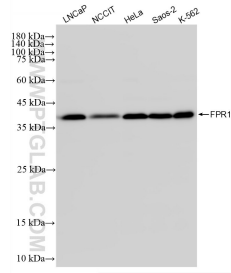
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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

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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.