

For Research Use Only

FPR1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87473-1-PBS



Basic Information

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

Applications

Tested Applications:
WB, Indirect 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

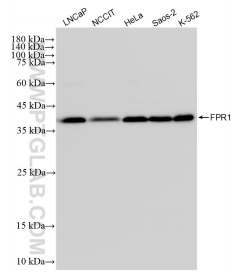
For technical support and original validation data for this product please contact:

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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. This data was developed using the same antibody clone with 87473-1-PBS in a different storage buffer formulation.