

For Research Use Only

# GSDMA Recombinant antibody

Catalog Number: 82920-1-RR



## Basic Information

<b>Catalog Number:</b> 82920-1-RR	<b>GenBank Accession Number:</b> BC109197	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 284110	<b>CloneNo.:</b> 230161D4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q96QA5	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG	<b>Full Name:</b> gasdermin A	
<b>Immunogen Catalog Number:</b> AG24407	<b>Calculated MW:</b> 445 aa, 49 kDa	
	<b>Observed MW:</b> 49 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : Daudi cells,
<b>Species Specificity:</b> human	

## Background Information

Gasdermins, a family of five pore-forming proteins (GSDMA-GSDME) in humans expressed predominantly in the skin, mucosa and immune sentinel cells, are key executioners of inflammatory cell death (pyroptosis), which recruits immune cells to infection sites and promotes protective immunity. GSDMA was predicted to enable phosphatidylinositol-4,5-bisphosphate binding activity, phosphatidylinositol-4-phosphate binding activity, and phosphatidylserine binding activity. Involved in apoptotic process.

## Storage

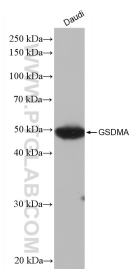
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

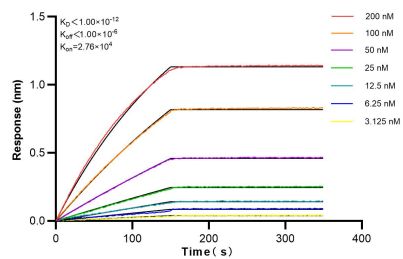
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## Selected Validation Data



Daudi cells were subjected to SDS PAGE followed by western blot with 82920-1-RR (GSDMA antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 82920-1-RR against Human GSDMA were performed. The affinity constant is below 1 pM.