

For Research Use Only

# GSDMA Recombinant antibody, PBS Only



Catalog Number: 82920-1-PBS

## Basic Information

<b>Catalog Number:</b> 82920-1-PBS	<b>GenBank Accession Number:</b> BC109197	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1mg/ml	<b>GeneID (NCBI):</b> 284110	<b>CloneNo.:</b> 230161D4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q96QA5	
<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

**Tested Applications:**  
Indirect ELISA, WB

**Species Specificity:**  
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 -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

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

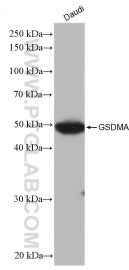
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

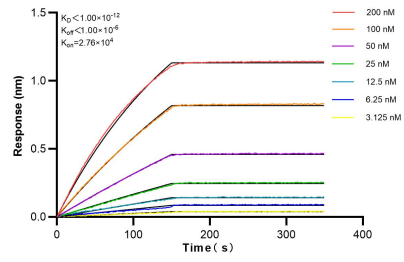
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## 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. This data was developed using the same antibody clone with 82920-1-PBS in a different storage buffer formulation.



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