

For Research Use Only

GSDMA Recombinant antibody, PBS Only

Catalog Number: 82920-2-PBS



Basic Information

Catalog Number: 82920-2-PBS	GenBank Accession Number: BC109197	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 284110	CloneNo.: 230161C5
Source: Rabbit	UNIPROT ID: Q96QA5	
Isotype: IgG	Full Name: gasdermin A	
Immunogen Catalog Number: AG24407	Calculated MW: 445 aa, 49 kDa	
	Observed MW: 49 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

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

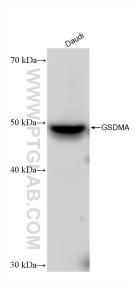
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

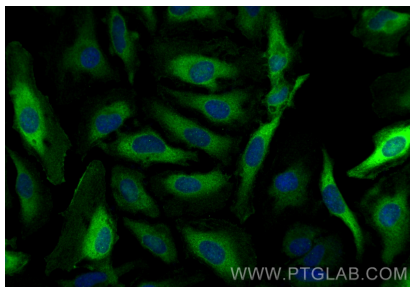
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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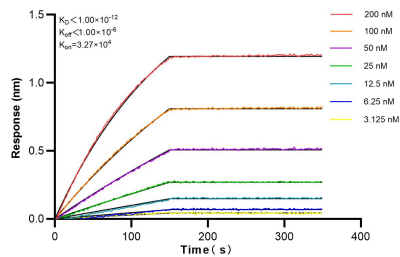
Selected Validation Data



Daudi cells were subjected to SDS PAGE followed by western blot with 82920-2-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 82920-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using GSDMA antibody (82920-2-RR, Clone: 230161C5) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). This data was developed using the same antibody clone with 82920-2-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 82920-2-RR against Human GSDMA were performed. The affinity constant is below 1 pM.