

For Research Use Only

GSDMD Recombinant antibody

Catalog Number: 80918-1-RR



Basic Information

Catalog Number: 80918-1-RR	GenBank Accession Number: BC008904	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 79792	CloneNo.: 2N24
Source: Rabbit	UNIPROT ID: P57764	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: gasdermin D	
Immunogen Catalog Number: AG14757	Calculated MW: 484 aa, 53 kDa	
	Observed MW: 50-53 kDa	

Applications

Tested Applications: WB, FC (Intra), ELISA	Positive Controls: WB : HeLa cells, A549 cells, Jurkat cells
Species Specificity: human, mouse	

Background Information

GSDMD is a member of the gasdermin family. Members of this family appear to play a role in regulation of epithelial proliferation. GSDMD has been suggested to act as a tumor suppressor. Recently, GSDMD is identified as a new component of inflammasomes, and it is an executor of pyroptosis and required for interleukin-1 β secretion. Cleavage of GSDMD by inflammatory caspases determines pyroptotic cell death.

Storage

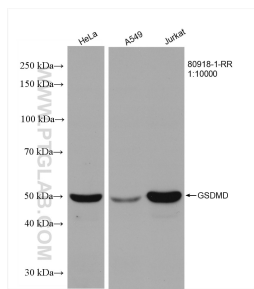
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

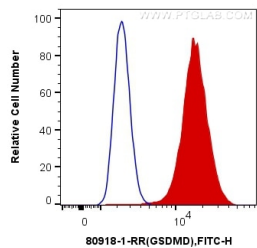
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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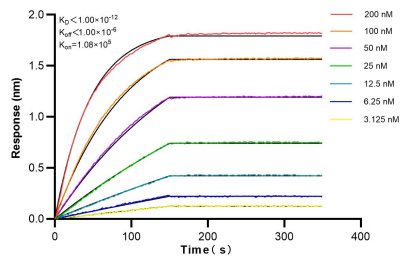
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 80918-1-RR (GSDMD antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



1X10⁶ RAW 264.7 cells were intracellularly stained with 0.4 ug Anti-Human GSDMD (80918-1-RR, Clone:2N24) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Biolayer interferometry (BLI) kinetic assays of 80918-1-RR against Human GSDMD were performed. The affinity constant is below 1 pM.