

For Research Use Only

GSDMD Recombinant antibody, PBS Only



Catalog Number: 80918-1-PBS

Basic Information

Catalog Number: 80918-1-PBS	GenBank Accession Number: BC008904	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 79792	CloneNo.: 2N24
Source: Rabbit	UNIPROT ID: P57764	
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, Indirect ELISA

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

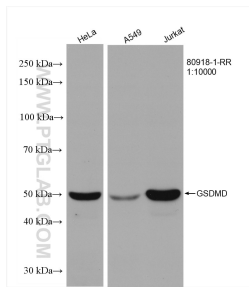
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

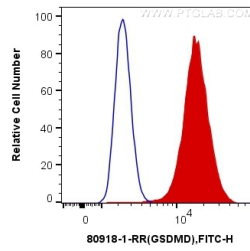
For technical support and original validation data for this product please contact:
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 80918-1-RR (GSDMD antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 80918-1-PBS in a different storage buffer formulation.



1×10^6 RAW 264.7 cells were intracellularly stained with 0.4 μ g Anti-Human GSDMD (80918-1-RR, Clone:2N24) and CoraLite[®]488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 μ g Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 80918-1-PBS in a different storage buffer formulation.