

For Research Use Only

GSDMD Recombinant antibody, PBS Only

Catalog Number: 80918-1-PBS



Basic Information

Catalog Number:

80918-1-PBS

Size:

100ug , Concentration: 1mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14757

GenBank Accession Number:

BC008904

GeneID (NCBI):

79792

UNIPROT ID:

P57764

Full Name:

gasdermin D

Calculated MW:

484 aa, 53 kDa

Observed MW:

50-53 kDa

Purification Method:

Protein A purification

CloneNo.:

2N24

Applications

Tested Applications:

Indirect ELISA, WB

Species Specificity:

mouse, human

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

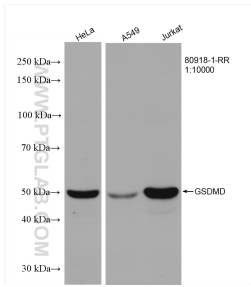
For technical support and original validation data for this product please contact:

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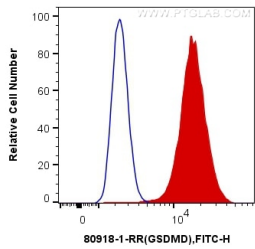
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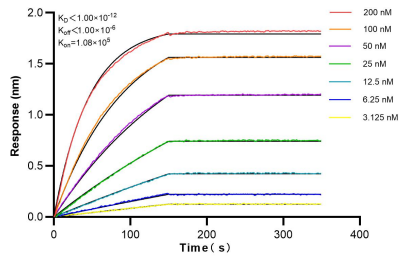
Selected Validation Data



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.



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). This data was developed using the same antibody clone with 80918-1-PBS in a different storage buffer formulation.



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