

For Research Use Only

# CoraLite® Plus 488-conjugated GSDMD Recombinant antibody

Catalog Number:CL488-80918



## Basic Information

<b>Catalog Number:</b> CL488-80918	<b>GenBank Accession Number:</b> BC008904	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 79792	<b>CloneNo.:</b> 2N24
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P57764	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Isotype:</b> IgG	<b>Full Name:</b> gasdermin D	
<b>Immunogen Catalog Number:</b> AG14757	<b>Calculated MW:</b> 484 aa, 53 kDa	
	<b>Observed MW:</b> 50-53 kDa	

## Applications

**Tested Applications:**  
FC (Intra)

**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 $\beta$  secretion. Cleavage of GSDMD by inflammatory caspases determines pyroptotic cell death.

## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

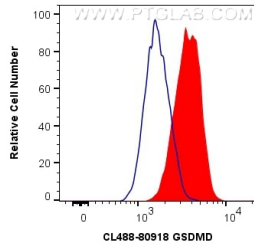
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

**Aliquoting is unnecessary for -20°C storage**

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



1X10<sup>6</sup> RAW 264.7 cells were intracellularly stained with 0.8 ug CoraLite® Plus 488 Anti-Human GSDMD (CL488-80918, Clone:2N24) (red), or 0.8 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).