

For Research Use Only

CoraLite® Plus 488-conjugated GSDMD Recombinant antibody



Catalog Number: CL488-80918

Basic Information

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

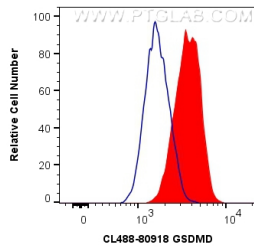
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1×10^6 RAW 264.7 cells were intracellularly stained with 0.8 μ g CoraLite® Plus 488 Anti-Human GSDMD (CL488-80918, Clone:2N24) (red), or 0.8 μ g Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).