

For Research Use Only

GSDMD Monoclonal antibody, PBS Only



Catalog Number: 66387-1-PBS

Basic Information

Catalog Number: 66387-1-PBS	GenBank Accession Number: BC008904	Purification Method: Protein A purification
Size: 1mg/ml	GeneID (NCBI): 79792	CloneNo.: 2E6C7
Source: Mouse	UNIPROT ID: P57764	
Isotype: IgG2a	Full Name: gasdermin D	
Immunogen Catalog Number: AG16827	Calculated MW: 484 aa, 53 kDa	
	Observed MW: 47-53 kDa	

Applications

Tested Applications:
WB, IP, IF, ELISA

Species Specificity:
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:

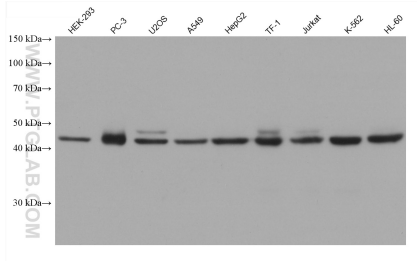
T: 4006900926

E: Proteintech-CN@ptglab.com

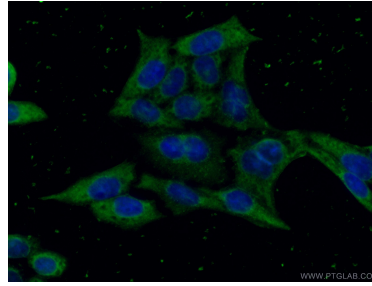
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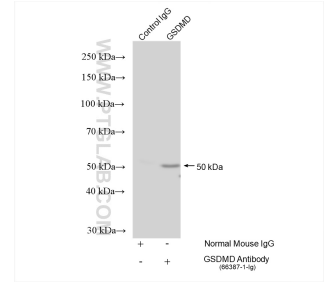
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66387-1-Ig (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 66387-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 66387-1-Ig(GSDMD antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66387-1-PBS in a different storage buffer formulation.



IP result of anti-GSDMD (IP:66387-1-Ig, 4ug; Detection:66387-1-Ig 1:2000) with THP-1 cells lysate 1560 ug. This data was developed using the same antibody clone with 66387-1-PBS in a different storage buffer formulation.