

For Research Use Only

GSDMD Monoclonal antibody, PBS Only

Catalog Number: 66387-1-PBS



Basic Information

Catalog Number:

66387-1-PBS

Size:

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

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG16827

GenBank Accession Number:

BC008904

GeneID (NCBI):

79792

UNIPROT ID:

P57764

Full Name:

gasdermin D

Calculated MW:

484 aa, 53 kDa

Observed MW:

47-53 kDa

Purification Method:

Protein A purification

CloneNo.:

2E6C7

Applications

Tested Applications:

WB, IF/ICC, IP, 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:

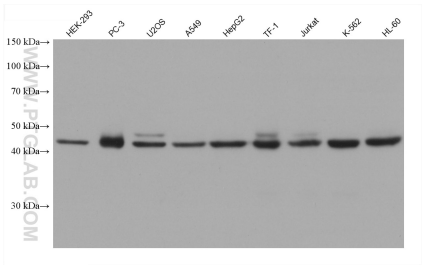
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E: proteintech@ptglab.com

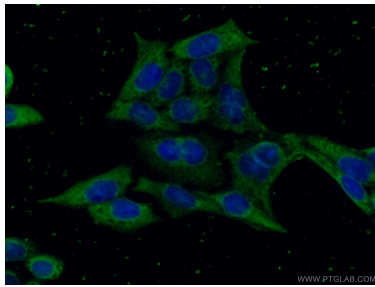
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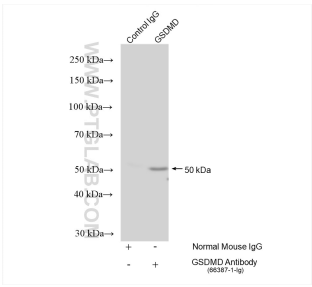
Selected Validation Data



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 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.