

A18281

Leader in Biomolecular Solutions for Life Science



GSDMD Rabbit pAb

Catalog No.: A18281

38 Publications

Basic Information

Observed MW

53kDa

Calculated MW

53kDa

Category

Mouse Monoclonal Antibody

Applications

WB, IHC-P, IF/ICC, IP, ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

Gasdermin D is a member of the gasdermin family. Members of this family appear to play a role in regulation of epithelial proliferation. Gasdermin D has been suggested to act as a tumor suppressor. Alternatively spliced transcript variants have been described.

Recommended Dilutions

WB	1:400 - 1:1000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200
IP	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

Immunogen Information

Gene ID

79792

Swiss Prot

P57764

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 154-252 of human GSDMD (NP_079012.3).

Synonyms

DF5L; DFNA5L; FKSG10; GSDMDC1; GSDMD

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

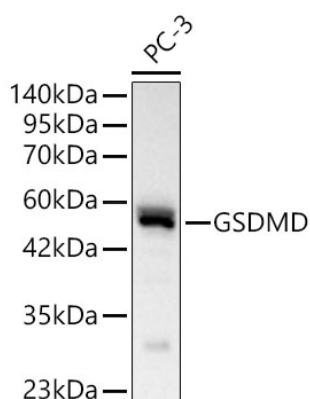
Affinity purification

Storage

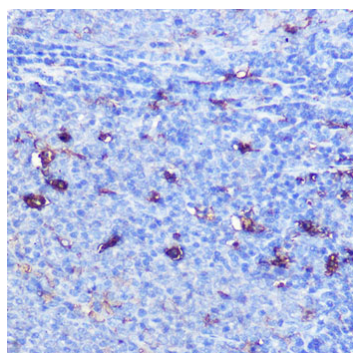
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3.

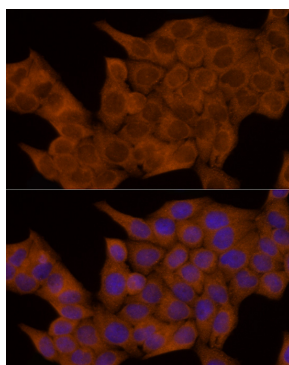
Validation Data



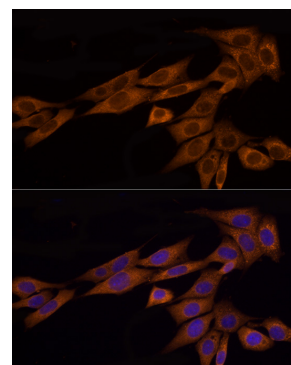
Western blot analysis of lysates from PC-3 cells using GSDMD Rabbit pAb(A18281) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 45s.



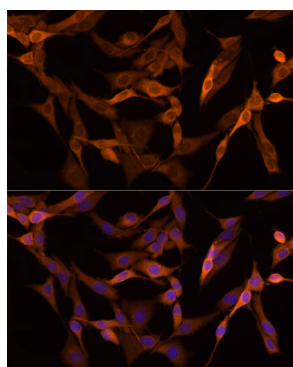
Immunohistochemistry analysis of GSDMD in paraffin-embedded rat spleen using GSDMD Rabbit pAb (A18281) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



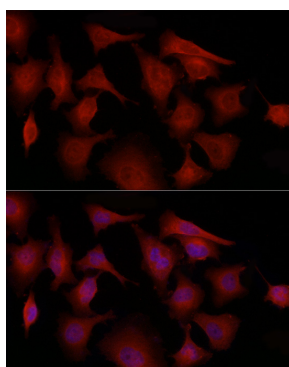
Immunofluorescence analysis of HeLa cells using GSDMD Rabbit pAb (A18281) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using GSDMD Rabbit pAb (A18281) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

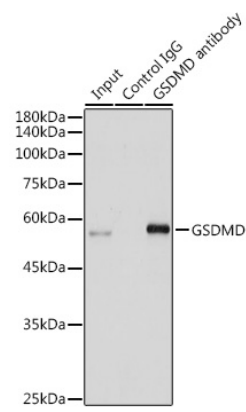


Immunofluorescence analysis of PC-12 cells using GSDMD Rabbit pAb (A18281) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-3 cells using GSDMD Rabbit pAb (A18281) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

Validation Data



Immunoprecipitation analysis of 300 µg extracts of Jurkat cells using 3 µg GSDMD antibody (A18281). Western blot was performed from the immunoprecipitate using GSDMD antibody (A18281) at a dilution of 1:500.