

[KO Validated] GSDMD (Full length+N terminal) Rabbit pAb

Catalog No.: A20197SP **KO Validated** **55 Publications**

Basic Information

Observed MW

30 kDa(N terminal)/53 kDa(Full length)

Calculated MW

53 kDa

Category

Primary antibody

Applications

WB,IF/ICC,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 1:5000 - 1:15000

IF/ICC 1:200 - 1:400

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions ($\geq 1:10000$) a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID

79792

Swiss Prot

P57764

Immunogen

This information is considered to be commercially sensitive.

Synonyms

DF5L; DFNA5L; FKSG10; GSDMDC1; GSDMD (Full Length+N terminal)

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

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

Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide.

May contain 0.05% BSA as specified on the Certificate of Analysis.

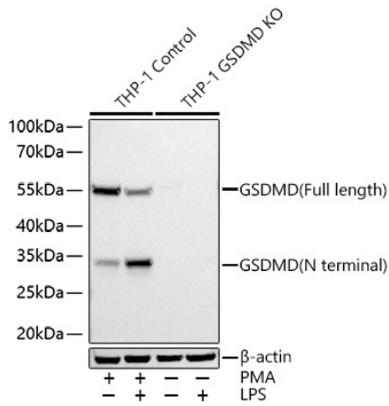
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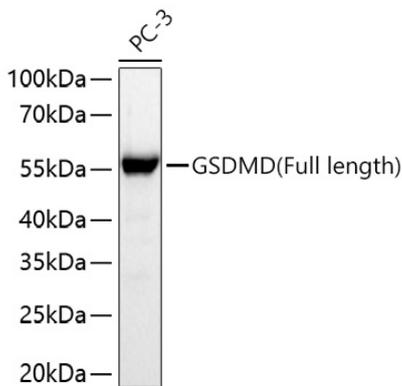
✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

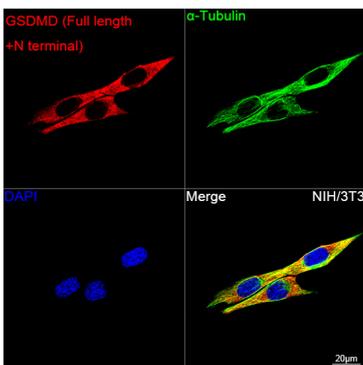
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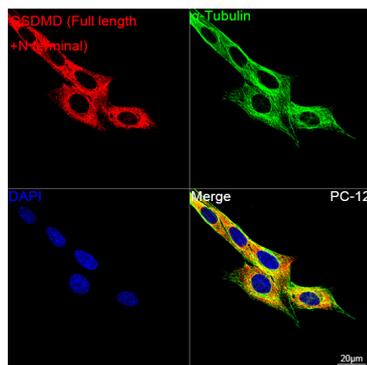
Western blot analysis of lysates from wild type (WT) and GSDMD (Full length+N terminal) knockout (KO) THP-1 cells using [KO Validated] GSDMD (Full length+N terminal) Rabbit pAb (A20197SP) at 1:13000 dilution incubated overnight at 4°C. THP-1 cells were treated with PMA (80 nM) for 24 hours, THP-1 cells were treated with PMA (80 nM) for 24 hours and LPS (5 ug/mL) for 6 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 30 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 20 s.



Western blot analysis of lysates from PC-3 cells using [KO Validated] GSDMD (Full length+N terminal) Rabbit pAb (A20197SP) at 1:13000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated 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: 20 s.



Confocal imaging of NIH/3T3 cells using [KO Validated] GSDMD (Full length+N terminal) Rabbit pAb (A20197SP, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α -Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Confocal imaging of PC-12 cells using [KO Validated] GSDMD (Full length+N terminal) Rabbit pAb (A20197SP, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α -Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.