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

Catalog No.: A20197SP KO Validated

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 (≥1:10000)a sequential dilution method is strongly recommended to ensure measurement accuracy.

Contact

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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

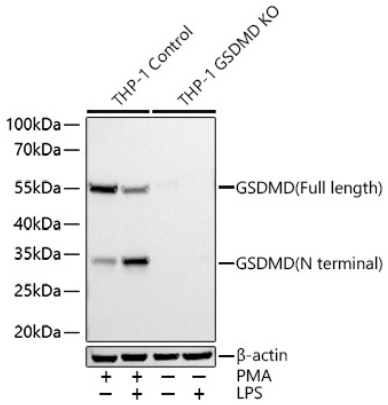
Source
Rabbit

Isotype
IgG

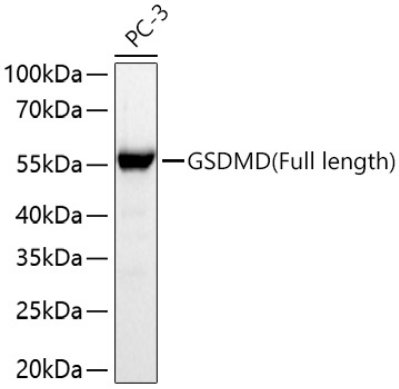
Purification
Affinity purification

Storage
Store at -20℃. 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.

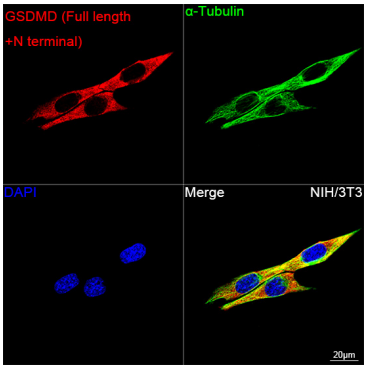
Validation Data



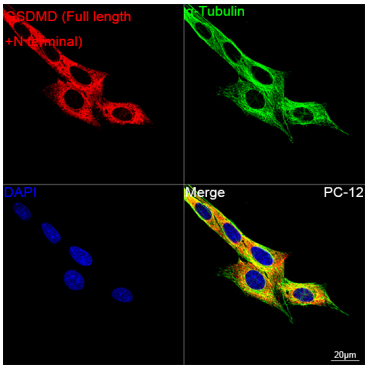
Western blot analysis of lysates from wild type (WT) and GSDMD (Full length+N terminal) knockout (KO) THP-1 cells using [KO Validated] GSDMD (Full length+N terminal) Rabbit pAb (A20197SP) at 1:13000 dilution incubated overnight at 4℃. THP-1 cells were treated with PMA (80 nM) for 24 hours, THP-1 cells 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℃.
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.