

[KO Validated] Cleaved Gasdermin D (N Terminal) Rabbit mAb

Catalog No.: A24059 **KO Validated** **Recombinant** **3 Publications**

Basic Information

Observed MW

31kDa/

Calculated MW

53kDa

Category

Primary antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Human

CloneNo number

ARC57989

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 1:70000 - 1:280000

IF/ICC 1:100 - 1:400

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

79792

Swiss Prot

P57764

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

DF5L; DFNA5L; FKSG10; GSDMDC1

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

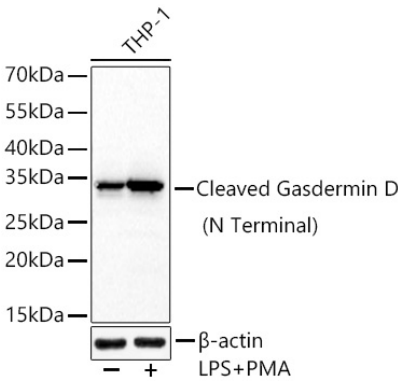
Affinity purification

Storage

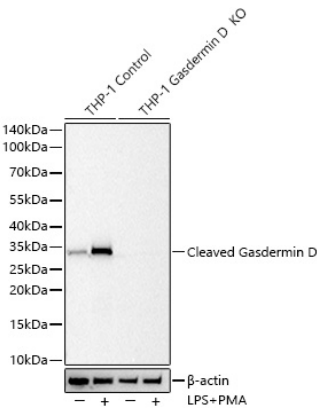
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.

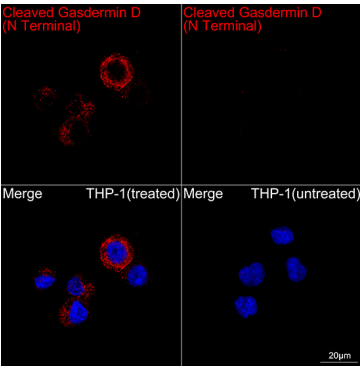
Validation Data



Western blot analysis of lysates from THP-1 cells using [KO Validated] Cleaved Gasdermin D (N Terminal) Rabbit mAb (A24059) at 1:72000 dilution incubated overnight at 4°C. THP-1 cells were treated with PMA/TPA (80 nM) at 37°C for overnight and LPS (1 µg/ml) at 37°C 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: 45s.



Western blot analysis of lysates from wild type (WT) and Cleaved Gasdermin D knockout (KO) THP-1 cells using [KO Validated] Cleaved Gasdermin D (N Terminal) Rabbit mAb (A24059) at 1:72000 dilution incubated at room temperature for 1.5 hours. THP-1 cells and Gasdermin D knockout (KO) THP-1 cells were treated with PMA/TPA (80 nM) at 37°C for overnight and LPS (1 µg/ml) at 37°C 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: 20s.



Confocal imaging of THP-1 cells (treated with PMA and LPS) and THP-1 cells (untreated) cells using [KO Validated] Cleaved Gasdermin D (N Terminal) Rabbit mAb (A24059, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.