

Cleaved Gasdermin D (C Terminal) Rabbit mAb

Catalog No.: A28234 **Recombinant**

Basic Information

Observed MW

22 kDa

Calculated MW

53 kDa

Category

Primary antibody

Applications

WB, IP, ELISA

Cross-Reactivity

Mouse

CloneNo number

ARC77840

Background

Enables phospholipid binding activity and wide pore channel activity. Involved in several processes, including defense response to bacterium; positive regulation of interleukin-1 beta production; and protein-containing complex assembly. Acts upstream of or within cellular response to extracellular stimulus. Located in cytosol; extracellular space; and plasma membrane. Part of NLRP3 inflammasome complex. Is expressed in several structures, including gut; liver; lung; metanephros; and spleen. Orthologous to human GSDMD (gasdermin D).

Recommended Dilutions

WB 1:5000 - 1:15000**IP** 0.5µg-4µg antibody for
500µg-700µg extracts of
whole cells**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.

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn

Immunogen Information

Gene ID

69146

Swiss Prot

Q9D8T2

Immunogen

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

Synonyms

DF5L; M2-4; Dfna5l; GsdmD-1; Gsdmdc1; 1810036L03Rik

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

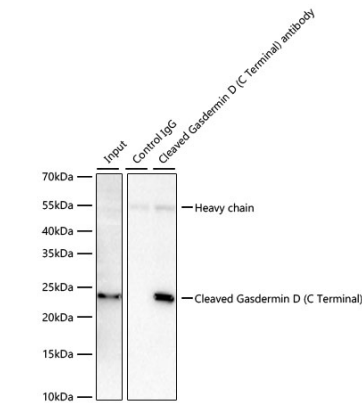
Store at -20°C. Avoid freeze / thaw cycles.

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

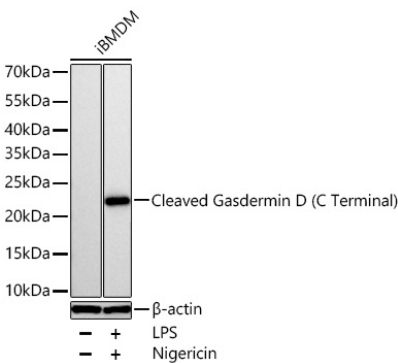


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Validation Data



Immunoprecipitation of Cleaved Gasdermin D (C Terminal) from 600 µg extracts of iBMDM cells treated with LPS(100ng/ml, 4h) and Nigericin(15uM, 30min) was performed using 1 µg of Cleaved Gasdermin D (C Terminal) Rabbit mAb (A28234). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x reducing Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using Cleaved Gasdermin D (C Terminal) Rabbit mAb (A28234) at a dilution of 1:5000.



Western blot analysis of lysates from iBMDM cells using Cleaved Gasdermin D (C Terminal) Rabbit mAb (A28234) at 1:5000 dilution incubated overnight at 4°C. iBMDM cells were treated with LPS(100 ng/mL) at 37°C for 4 hours and Nigericin(20 µM) at 37°C for 30 minutes. 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: 1 s.