

GSDMD (Full Length+N terminal) Rabbit mAb

Catalog No.: A28573 **Recombinant**

Basic Information

Observed MW

31 kDa(N terminal)/53 kDa(Full Length)

Calculated MW

53 kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Mouse

CloneNo number

ARC78585

Background

Enables phospholipid binding activity; transcription coactivator 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 ceramide biosynthetic process; plasma membrane repair; and protein maturation. Located in cytosol; extracellular space; and mitochondrial membrane. Part of NLRP3 inflammasome complex. Is active in plasma membrane. Is expressed in several structures, including aorta; gut; liver; metanephros; and spleen. Orthologous to human GSDMD (gasdermin D).

Recommended Dilutions

WB 1:7000 - 1:28000

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

69146

Swiss Prot

Q9D8T2

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

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

Product Information

Source

Rabbit

Isotype

IgG

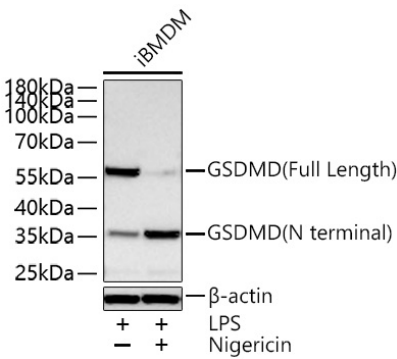
Purification

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 various lysates using GSDMD (Full Length+N terminal) Rabbit mAb (A28573) at 1:14000 dilution incubated overnight at 4°C. iBMDM cells were treated with LPS (100 ng/mL) at 37°C for 5 hours; iBMDM cells were treated with LPS (100 ng/mL) at 37°C for 4 hours and Nigericin (20 μ M) at 37°C for 30 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 30 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 20 s.