

## Cleaved Gasdermin D (N Terminal) Rabbit mAb

CAB24059

### Description

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This Cleaved Gasdermin D (N Terminal) Rabbit mAb is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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**SKU:** CAB24059  
**Contents:** 20 µL, 100 µL  
Bradford Reagent: 1 vial (2ml)  
**Category:** Monoclonal Antibody  
**Synonyms:** DF5L, DFNA5L, FKSG10, GSDMDC1  
**Clone:** ARC57989  
**Applications:** WB IF/ICC ELISA  
**Conjugation:** Unconjugated  
**Reactivity:** Human

### Antibody Data

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**Gene ID:** 79792  
**Uniprot:** -  
**Host Species:** Rabbit  
**Purification:** Affinity purification  
**Observed MW:** 31kDa/  
**Calculated MW:** 53kDa

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

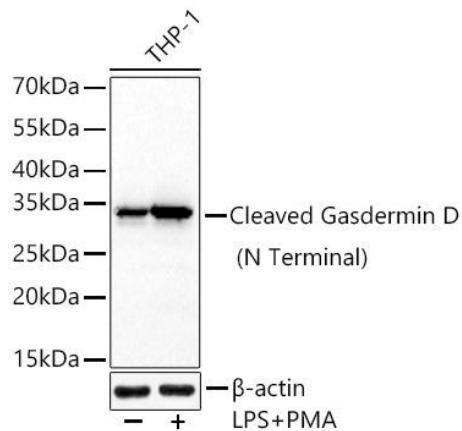
**Positive Sample:** THP-1 treated with LPS and PMA

**Recommended Dilutions:**

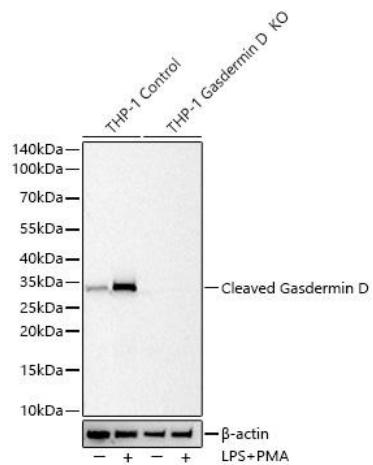
<b>WB</b>	1:70000 - 1:280000
<b>IF/ICC</b>	1:100 - 1:400
<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data



Western blot analysis of lysates from THP-1 cells using [KO Validated] Cleaved Gasdermin D (N Terminal) Rabbit mAb (CAB24059) 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) (CABS014) at 1:10000 dilution. Lysates/proteins: 30 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). 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 (CAB24059) 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) (CABS014) at 1:10000 dilution. Lysates/proteins: 30 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 20s.