

# Cleaved N-terminal GSDMD Rabbit mAb (AR1468)

## Key Features

|               |                                      |
|---------------|--------------------------------------|
| Host Species: | Rabbit                               |
| Reactivity:   | Human,Mouse,Rat                      |
| Applications: | WB,IF,ELISA                          |
| Isotype:      | IgG,Kappa                            |
| MW:           | 53kD (Calculated)<br>35kD (Observed) |

## Recommended Dilution Ratios

|        |   |
|--------|---|
| WB:    | 1:2000-10000                                    |
| IF:    | 1:200-1000                                      |
| ELISA: | 1:5000-20000                                    |
|        | -15°C to -25°C/1 year (Do not lower than -25°C) |

## Storage

## Basic Information

|           |            |
|-----------|------------|
| Clonality | Monoclonal |
|-----------|------------|

## Immunogen Information

|             |  |
|-------------|--|
| Specificity | This antibody detects endogenous levels of Cleaved N-terminal GSDMD. |
|-------------|--|

## Target Information

|           |       |
|-----------|-------|
| Gene name | GSDMD |
|-----------|-------|

|              |   |
|--------------|---|
| Protein Name | Gasdermin domain-containing protein 1, Gasdermin-D, GSDMD, GSDMD-CT, GSDMDNT, GSDMD_HUMAN |
|--------------|---|

| Organism | Gene ID | UniProt ID |
|----------|---------|------------|
|----------|---------|------------|

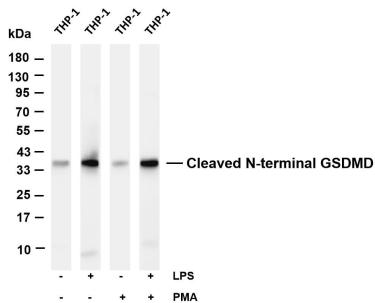
|       |        |
|-------|--------|
| Human | P57764 |
|-------|--------|

|                       |  |
|-----------------------|--|
| Cellular Localization | [Gasdermin-D]: Cytoplasm, cytosol. Inflammasome. In response to a canonical inflammasome stimulus, such as nigericin, recruited to NLRP3 inflammasome with similar kinetics to that of uncleaved CASP1 precursor; [Gasdermin-D, N-terminal]: Cell membrane; Multi-pass membrane protein. Secreted. Released in the extracellular milieu following pyroptosis; [Gasdermin-D, C-terminal]: Cytoplasm, cytosol. |
|-----------------------|--|

## Tissue specificity

Expressed in the suprabasal cells of esophagus, as well as in the isthmus/neck, pit, and gland of the stomach, suggesting preferential expression in differentiating cells.

## Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Cleaved N-terminal GSDMD antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

Lane 1: THP-1

Lane 2: THP-1 was treated with Lipopolysaccharides

Lane 3: THP-1 was treated with Phorbol 12-myristate 13-acetate

Lane 4: THP-1 was treated with Lipopolysaccharides and Phorbol 12-myristate 13-acetate

Predicted band size: 53kDa

Observed band size: 35kDa

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