

# Cleaved N-terminal GSDMD Rabbit mAb (AR1468)

## Key Features

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

## Recommended Dilution Ratios

WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000
IP:	1:50-200

## Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

## Basic Information

Clonality	Monoclonal
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## Immunogen Information

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

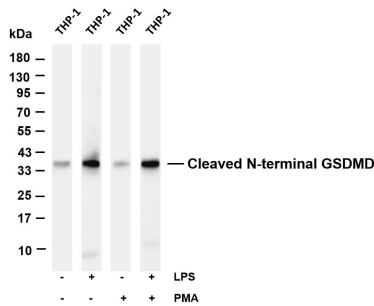
Cellular Localization	[Gasdermin-D]: Cytoplasm, cytosol. Inflammasome. In response to a canonical inflammasome stimulus, such as nigericin, recruited to NLRP3 inflammasome with similar kinetics to that of uncleaved CASP1 precursor; [Gasdermin-D, N-terminal]: Cell membrane; Multi-pass membrane protein.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