

# [KO Validated] Cleaved Gasdermin E (N terminal) Rabbit mAb

Catalog No.: A26197   **KO Validated**   **Recombinant**   **1 Publications**

## Basic Information

### Observed MW

35kDa

### Calculated MW

11 kDa/35 kDa/55 kDa

### Category

Primary antibody

### Applications

WB,IHC-P,ELISA

### Cross-Reactivity

Human

### Clone/No number

ARC70388

## Background

Hearing impairment is a heterogeneous condition with over 40 loci described. The protein encoded by this gene is expressed in fetal cochlea, however, its function is not known. Nonsyndromic hearing impairment is associated with a mutation in this gene. Three transcript variants encoding two different isoforms have been found for this gene.

## Recommended Dilutions

**WB**                    1:500 - 1:2000

**IHC-P**                1:200 - 1:800

**ELISA**                Recommended starting concentration is 1  $\mu$ g/mL.  
Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

1687

### Swiss Prot

O60443

### Immunogen

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

### Synonyms

DFNA5; ICERE-1

## Contact

	400-999-6126
	<a href="mailto:cn.market@abclonal.com.cn">cn.market@abclonal.com.cn</a>
	<a href="http://www.abclonal.com.cn">www.abclonal.com.cn</a>

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

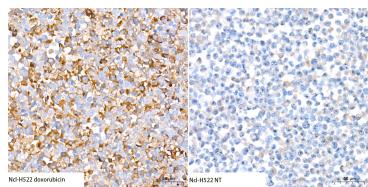
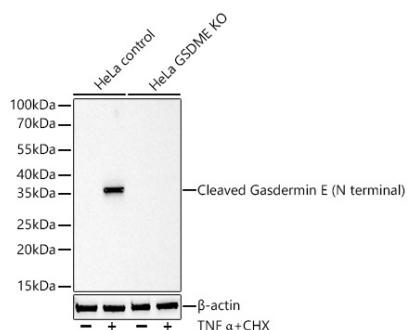
Affinity purification

### Storage

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

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

## Validation Data



Immunohistochemistry analysis of paraffin-embedded NCI-H522(Doxorubicin-treated) and NCI-H522(untreated) cell line using [KO Validated] Cleaved Gasdermin E (N terminal) Rabbit mAb (A26197) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

Western blot analysis of lysates from wild type (WT) and Gasdermin E (N terminal) knockout (KO) HeLa cells using [KO Validated] Cleaved Gasdermin E (N terminal) Rabbit mAb (A26197) at 1:2000 dilution incubated at room temperature for 1.5 hours. Wild type (WT) and GSDME knockout (KO) HeLa cells were treated with TNF- $\alpha$  (50ng/mL) and CHX (10 $\mu$ g/mL) at 37°C for 6 hours.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

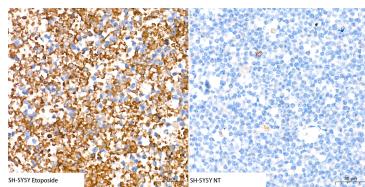
Lysates/proteins: 30  $\mu$ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.

**WB samples for antibody validation are kindly provided by Dr. Feng Shao, NIBS**



Immunohistochemistry analysis of paraffin-embedded SH-SY5Y(Etoposide-treated) and SH-SY5Y(untreated) cell line using [KO Validated] Cleaved Gasdermin E (N terminal) Rabbit mAb (A26197) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.