

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

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

Basic Information

Observed MW

35kDa

Calculated MW

55kDa

Category

Primary antibody

Applications

WB,ELISA

Cross-Reactivity

Human

CloneNo 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

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

1687

Swiss Prot

O60443

Immunogen

A synthetic peptide corresponding to residues surrounding Asp270 of human Gasdermin E(NP_004394.1).

Synonyms

DFNA5; ICERE-1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

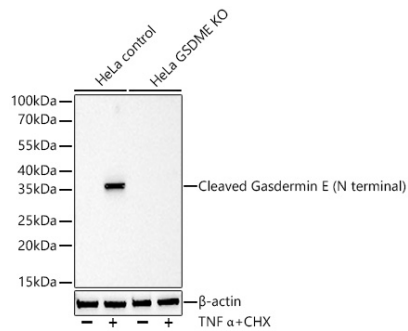
Affinity purification

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



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 by TNF- α (50ng/mL) and CHX (10 μ 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 μ 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