
Product Name: KD-Validated GSDME Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA00340**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM
Reactivity	Human,M
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000
Molecular Weight	Calculated MW: 54.6kDa

Antigen Information

Gene Name	GSDME
Alternative Names	GSDME; Gasdermin E; ICERE-1; DFNA5; Inversely Correlated With Estrogen Receptor Expression 1; DFNA5, Deafness Associated Tumor Suppressor; Non-Syndromic Hearing Impairment Protein 5; Gasdermin-E; Inversely Correlated With Estrogen Receptor Expression; Nonsyndromic Hearing Impairment Protein; Deafness, Autosomal Dominant 5; ICERE1
Gene ID	1687.0
SwissProt ID	O60443
Immunogen	Recombinant protein of human GSDME

Background

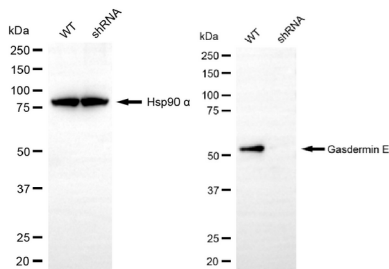
Hearing impairment is a heterogeneous condition with over 40 loci described. The protein encoded by this gene is expressed in

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. [provided by RefSeq, Jul 2008]

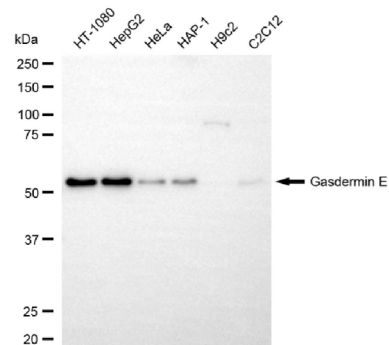
Research Area

Neuroscience

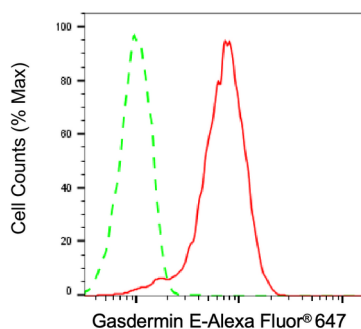
Image Data



Western blotting analysis using gasdermin E antibody (KVA00340). Gasdermin E expression in wild-type (WT) and gasdermin E (GSDME) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with gasdermin E antibody (KVA00340, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using gasdermin E antibody (KVA00340). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with gasdermin E antibody (KVA00340, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Flow cytometric analysis of Gasdermin E expression in HepG2 cells using Gasdermin E antibody (KVA00340, 1:2,000). Green, isotype control; red, Gasdermin E.