10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

KD-Validated Anti-GSDME Rabbit Monoclonal Antibody

Rabbit monoclonal antibody
Catalog # AGI2251

Product Information

Application	WB
Primary Accession	O60443
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	25GB4290
Calculated MW	54555
Gene Name	GSDME
Aliases	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
Immunogen	Recombinant protein of human GSDME

Additional Information

Gene ID	1687
Other Names	Gasdermin-E, Inversely correlated with estrogen receptor expression 1, ICERE-1, Non-syndromic hearing impairment protein 5, Gasdermin-E, N-terminal, GSDME-NT, Gasdermin-E, C-terminal, GSDME-CT, GSDME {ECO:0000303|PubMed:28459430, ECO:0000312|HGNC:HGNC:2810}

Protein Information

Name	GSDME {ECO:0000303|PubMed:28459430, ECO:0000312|HGNC:HGNC:2810}
Function	[Gasdermin-E]: Precursor of a pore-forming protein that converts non-inflammatory apoptosis to pyroptosis (PubMed:27281216, PubMed:28459430, PubMed:33852854, PubMed:35594856, PubMed:36607699). This form constitutes the precursor of the pore-forming protein: upon cleavage, the released N-terminal moiety (Gasdermin-E, N-terminal) binds to membranes and forms pores, triggering pyroptosis (PubMed:28459430).
Cellular Location	[Gasdermin-E, N-terminal]: Cell membrane; Multi-pass membrane protein {ECO:0000250|UniProtKB:Q5Y4Y6}
Tissue Location	Expressed in cochlea (PubMed:9771715). Low level of expression in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas, with highest expression in placenta (PubMed:9771715).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.