Anti-GSDME Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R010107

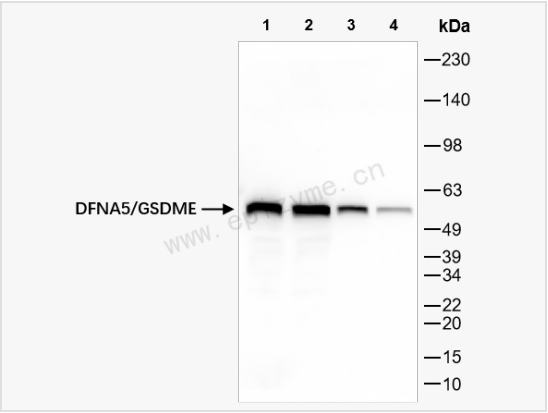
Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	92K35M15
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human DFNA5/GSDME
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-GSDME Rabbit mAb [92K35M15] is for research use only and not for use in diagnostic or therapeutic procedures.

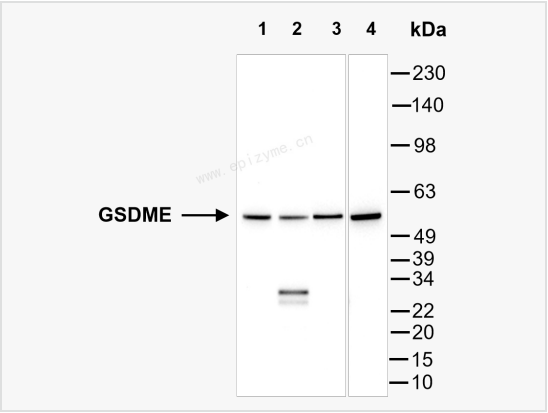
Protein Information

Synonyms	DFNA5; ICERE1; GSDME; Gasdermin-E; Inversely correlated with estrogen receptor expression 1; Non-syndromic hearing impairment protein 5; ICERE-1.
Calculated MW	Calculated MW: 55 kDa; Observed MW: 55 kDa
Uniprot ID	O60443
Gene ID	1687
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]
Cellular Location	Gasdermin-E, N-terminal.Cell membrane.Multi-pass membrane protein.Gasdermin-E.Cytoplasm.Cytosol.
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).

Validation Images



Western Blot - Anti-GSDME Rabbit mAb [92K35M15]
All lanes: R010107 at 1:1,000 dilution
Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates
Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates
Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates
Lane 4: 293T (Human embryonic kidney cell) whole cell lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 55 kDa
Observed band size: 55 kDa
Developed using the ECL technique (Cat. No. SQ201).



Western Blot - Anti-GSDME Rabbit mAb [92K35M15]
All lanes: R010107 at 1:2,000 dilution
Lane 1: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates
Lane 2: Mouse intestine whole tissue lysates
Lane 3: Mouse brain whole tissue lysates
Lane 4: Rat brain whole tissue lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 55 kDa
Observed band size: 55 kDa
Developed using the ECL technique (Cat. No. SQ201).