

Anti-GSDMC Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

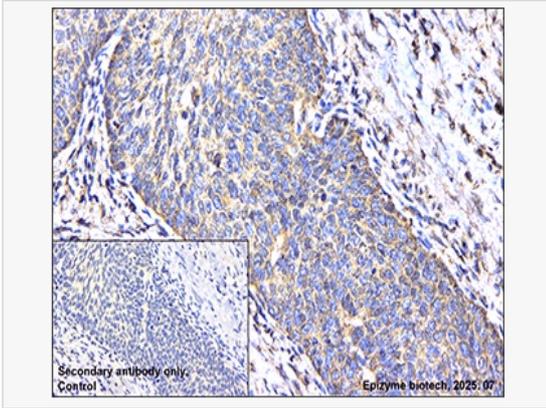
Catalog # R015824

Product Information

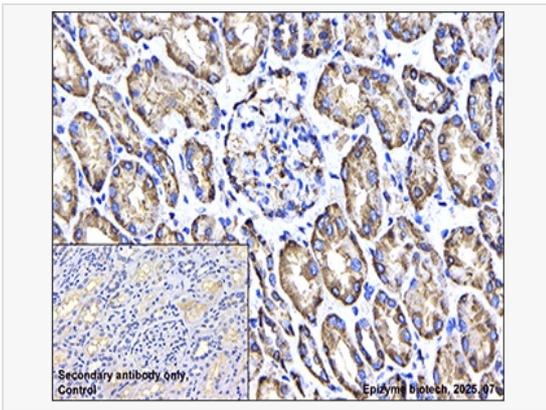
Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	46T04L85
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of mouse GSDMC
Format	Affinity purified monoclonal antibody supplied 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-GSDMC Rabbit mAb [46T04L85] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

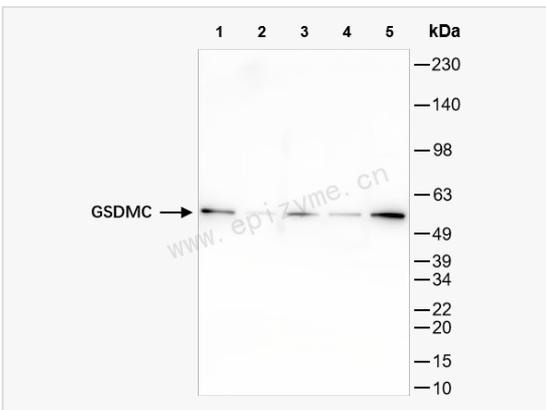
Synonyms	Gsdmc 1; Mlze; Gsdmc; Gasdermin-C; Gasdermin-C1; Melanoma-derived leucine zipper-containing extranuclear factor; mMLZE.
Calculated MW	Calculated MW: 53 kDa; Observed MW: 53 kDa
Uniprot ID	Q99NB5
Gene ID	83492
Background	Predicted to enable phosphatidylinositol-4,5-bisphosphate binding activity; phosphatidylinositol-4-phosphate binding activity; and phosphatidylserine binding activity. Predicted to be involved in defense response to bacterium and pyroptosis. Predicted to act upstream of or within programmed cell death. Predicted to be located in cytoplasm. Is expressed in gut and urinary system. Orthologous to human GSDMC (gasdermin C). [provided by Alliance of Genome Resources, Apr 2022]
Cellular Location	Gasdermin-C.Cytoplasm.Cytosol.Gasdermin-C. N-terminal,Cell membrane,Multi-pass membrane protein.



Immunohistochemistry - Anti-GSDMC Rabbit mAb [46T04L85]
 Sample: Paraformaldehyde-fixed, paraffin embedded human cervical cancer tissue
 Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
 Primary antibody: R015824 at 1:200 dilution
 Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
 DAB was used as the chromogen.
 Counter stained with hematoxylin.
 Positive/negative staining were presented.
 Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-GSDMC Rabbit mAb [46T04L85]
 Sample: Paraformaldehyde-fixed, paraffin embedded human renal carcinoma tissue
 Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
 Primary antibody: R015824 at 1:200 dilution
 Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
 DAB was used as the chromogen.
 Counter stained with hematoxylin.
 Positive/negative staining were presented.
 Only the secondary antibody was used as the negative control.



Western Blot - Anti-GSDMC Rabbit mAb [46T04L85]
 All lanes: R015824 at 1:1,000 dilution
 Lane 1: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates
 Lane 2: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates
 Lane 3: 293T (Human embryonic kidney cell) whole cell lysates
 Lane 4: Ball-1 (Human B lymphocyte acute leukemia cell) whole cell lysates
 Lane 5: K562 (Human chronic myeloid leukemia cell) whole cell lysates
 Lysates/proteins at 10 μ g per lane.
 Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
 Predicted band size: 53 kDa
 Observed band size: 53 kDa
 Developed using the ECL technique (Cat. No. SQ201).