



GSDMB mouse mAb

Catalog No	YP-mAb-17986
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	GSDMB GSDML PP4052 PRO2521
Immunogen	Synthesized peptide derived from human GSDMB
Specificity	This antibody detects endogenous levels of GSDMB at Human
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Gasdermin-like protein;Gasdermin-B;N-terminal;C-terminal;Gasdermin like protein;GSDMB;GSDMB GSDML PP4052 PRO2521;Gasdermin-B (Gasdermin-like protein)
Observed Band	47 kDa
Calculated Molecular Weight	411 aa, 47 kDa
Cell Pathway	[Gasdermin-B]: Cytoplasm . Vesicular localization in the apical region of gastric chief cells and colonic surface mucous cells, and the basal region of neuroendocrine cells. .; [Gasdermin-B, N-terminal]: Cell membrane ; Multi-pass membrane protein .
Tissue Specificity	In the gastrointestinal tract, expressed in proliferating cells, including in the basal cell layer of esophagus and in isthmus/neck of stomach.
Function	[Gasdermin-B]: Precursor of a pore-forming protein that acts as a downstream mediator of granzyme-mediated cell death . This form constitutes the precursor of the pore-forming protein: upon cleavage, the released N-terminal moiety (Gasdermin-B, N-terminal) binds to membranes and forms pores, triggering pyroptosis . ; [Gasdermin-B, N-terminal]: Pore-forming protein produced by cleavage by granzyme A (GZMA), which causes membrane permeabilization and pyroptosis in target cells of cytotoxic T and natural killer (NK) cells . Key



downstream mediator of granzyme-mediated cell death: (1) granzyme A (GZMA), delivered to target cells from cytotoxic T- and NK-cells, (2) specifically cleaves Gasdermin-B to generate this form . After cleavage, moves to the plasma membrane, homooligomerizes within the membrane and forms pores of 10-15 nanometers (nm) of inner diameter, triggering pyroptosis . Binds

Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images