

GSDMB Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP8559c**Specification**

GSDMB Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q8TAX9](#)**GSDMB Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 55876**Other Names**

Gasdermin-B, Gasdermin-like protein, GSDMB, GSDML

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP8559c](/products/AP8559c) was selected from the Center region of human GSDMB. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GSDMB Antibody (Center) Blocking Peptide - Protein Information**Name** GSDMB {ECO:0000303|PubMed:27281216, ECO:0000312|HGNC:HGNC:23690}**Function**

[Gasdermin-B]: Precursor of a pore-forming protein that acts as a downstream mediator of granzyme-mediated cell death (PubMed: [32299851](http://www.uniprot.org/citations/32299851)). 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 (PubMed: [32299851](http://www.uniprot.org/citations/32299851)). Also acts as a regulator of epithelial cell repair independently of programmed cell death: translocates to the plasma membrane and promotes epithelial maintenance and repair by regulating PTK2/FAK-mediated phosphorylation of PDGFA (PubMed: [35021065](http://www.uniprot.org/citations/35021065)).

Cellular Location

[Gasdermin-B]: Cytoplasm. Note=Vesicular localization in the apical region of gastric chief cells and colonic surface mucous cells, and the basal region of neuroendocrine cells

Tissue Location

In the gastrointestinal tract, expressed in proliferating cells, including in the basal cell layer of esophagus and in isthmus/neck of stomach.

GSDMB Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

GSDMB Antibody (Center) Blocking Peptide - Images**GSDMB Antibody (Center) Blocking Peptide - Background**

GSDMB is a protein with 3' exonuclease activity. Enzymes with this activity are involved in DNA replication, repair, and recombination. Similarity to an E. coli protein suggests that this enzyme may be a subunit of DNA polymerase III, which does not have intrinsic exonuclease activity.

GSDMB Antibody (Center) Blocking Peptide - References

Hur,J.W., et.al., Rheumatol. Int. 28 (8), 783-789 (2008)Chen,M.J., et.al., Nucleic Acids Res. 35 (8), 2682-2694 (2007)