

**GSDMA Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP4887a****Specification**

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**GSDMA Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q96QA5](#)**GSDMA Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 284110**Other Names**

Gasdermin-A, Gasdermin-1, GSDMA, GSDM, GSDM1

**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.

**GSDMA Antibody (N-term) Blocking Peptide - Protein Information****Name** GSDMA ([HGNC:13311](#))**Function**[Gasdermin-A]: This form constitutes the precursor of the pore-forming protein and acts as a sensor of infection: upon infection by *S.pyogenes*, specifically cleaved by *S.pyogenes* effector protein SpeB in epithelial cells, releasing the N-terminal moiety (Gasdermin-A, N- terminal) that binds to membranes and forms pores, triggering pyroptosis.**Cellular Location**[Gasdermin-A]: Cytoplasm, perinuclear region. Cytoplasm, cytosol  
{ECO:0000250|UniProtKB:Q5Y4Y6}**Tissue Location**

Expressed predominantly in the gastrointestinal tract and, at a lower level, in the skin. Also detected in mammary gland. In the gastrointestinal tract, mainly expressed in differentiated cells, including the differentiated cell layer of esophagus and mucus-secreting pit cells of the gastric epithelium Down-regulated in gastric cancer cells.

**GSDMA Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**GSDMA Antibody (N-term) Blocking Peptide - Images**

**GSDMA Antibody (N-term) Blocking Peptide - Background**

GSDMA induces apoptosis.

**GSDMA Antibody (N-term) Blocking Peptide - References**

Soranzo, N., et al. Nat. Genet. 41(11):1182-1190(2009) Saeki, N., et al. Genes Chromosomes Cancer 48(3):261-271(2009) Tamura, M., et al. Genomics 89(5):618-629(2007)