

**GNLY Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP13075a****Specification**

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**GNLY Antibody (N-term) Blocking peptide - Product Information**Primary Accession [P22749](#)**GNLY Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 10578**Other Names**

Granulysin, Lymphokine LAG-2, Protein NKG5, T-cell activation protein 519, GNLY, LAG2, NKG5, TLA519

**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.

**GNLY Antibody (N-term) Blocking peptide - Protein Information****Name** GNLY**Synonyms** LAG2, NKG5, TLA519**Function**

Antimicrobial protein that kills intracellular pathogens. Active against a broad range of microbes, including Gram-positive and Gram-negative bacteria, fungi, and parasites. Kills Mycobacterium tuberculosis.

**Cellular Location**

Secreted. Note=Located in the cytotoxic granules of T-cells, which are released upon antigen stimulation

**Tissue Location**

Expressed in natural killer and T-cells.

**GNLY Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

#### **GNLY Antibody (N-term) Blocking peptide - Images**

#### **GNLY Antibody (N-term) Blocking peptide - Background**

The product of this gene is a member of the saposin-like protein (SAPLIP) family and is located in the cytotoxic granules of T cells, which are released upon antigen stimulation. This protein is present in cytotoxic granules of cytotoxic T lymphocytes and natural killer cells, and it has antimicrobial activity against *M. tuberculosis* and other organisms. Alternatively spliced transcript variants encoding different isoforms have been identified.

#### **GNLY Antibody (N-term) Blocking peptide - References**

Xing, J., et al. J. Immunol. 185(9):5074-5081(2010) Schuurhof, A., et al. Pediatr. Pulmonol. 45(6):608-613(2010) Davila, S., et al. Genes Immun. 11(3):232-238(2010) Yang, C., et al. Int. J. Tuberc. Lung Dis. 13(11):1360-1366(2009) Hogg, A.E., et al. J. Leukoc. Biol. 86(5):1191-1203(2009)