10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

GZMM Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP6792c

Specification

GZMM Antibody (Center) Blocking Peptide - Product Information

Primary Accession P51124

GZMM Antibody (Center) Blocking Peptide - Additional Information

Gene ID 3004

Other Names
Granzyme M, 3421-, Met-1 serine protease, Hu-Met-1, Met-ase, Natural killer cell granular protease, GZMM, MET1

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6792c was selected from the Center region of human GZMM. 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.

GZMM Antibody (Center) Blocking Peptide - Protein Information

Name GZMM

Synonyms MET1

Function
Cleaves peptide substrates after methionine, leucine, and norleucine. Physiological substrates include EZR, alpha-tubulins and the apoptosis inhibitor BIRC5/Survivin. Promotes caspase activation and subsequent apoptosis of target cells.

Cellular Location
Secreted. Cytoplasmic granule. Note=Granules of large granular lymphocytes

Tissue Location
Highly and constitutively expressed in activated natural killer (NK) cells.

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

GZMM Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

GZMM Antibody (Center) Blocking Peptide - Images

GZMM Antibody (Center) Blocking Peptide - Background

GZMM cleaves peptide substrates after methionine, leucine, and norleucine.

GZMM Antibody (Center) Blocking Peptide - References

Mahrus,S., et.al., J. Biol. Chem. 279 (52), 54275-54282 (2004)