

GZMM Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP6792C**Specification**

GZMM Antibody (Center) - Product Information

Application	FC, IHC-P, WB,E
Primary Accession	P51124
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	84-113

GZMM Antibody (Center) - 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

This GZMM antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 84-113 amino acids from the Central region of human GZMM.

Dilution

FC~~1:10~50

IHC-P~~1:10~50

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

GZMM Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

GZMM Antibody (Center) - 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

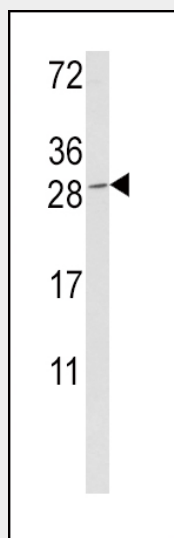
Tissue Location

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

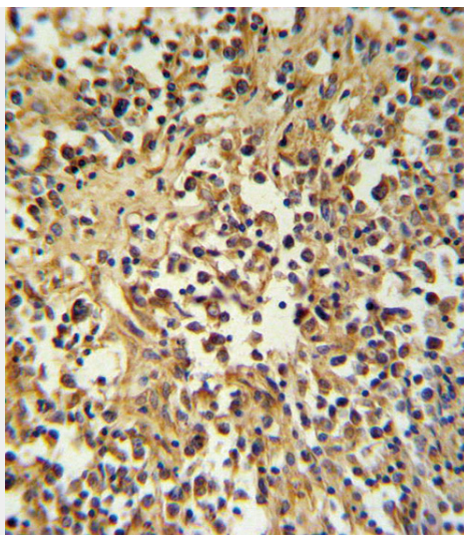
GZMM Antibody (Center) - Protocols

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

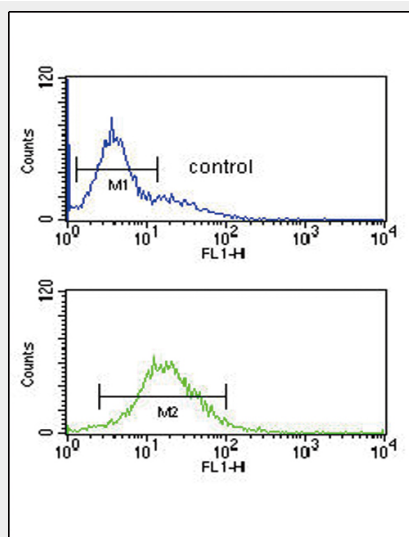
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GZMM Antibody (Center) - Images

Western blot analysis of GZMM Antibody (Center) (Cat. #AP6792c) in K562 cell line lysates (35ug/lane). GZMM (arrow) was detected using the purified Pab.



GZMM Antibody (Center) (Cat. #AP6792c) IHC analysis in formalin fixed and paraffin embedded human lymph tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GZMM Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



GZMM Antibody (Center) (Cat. #AP6792c) flow cytometric analysis of K562 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

GZMM Antibody (Center) - Background

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

GZMM Antibody (Center) - References

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