

## Rabbit anti-Human GZMM Polyclonal Antibody | anti-GZMM antibody

GZMM Antibody (Center)

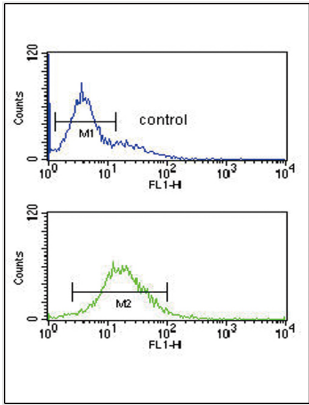
| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                                |
|-----------|--------|------------|-----------------------------------------------------------------------------|
| AAA287517 | Rabbit | Human      | Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot |

### PRODUCT SYNONYMS

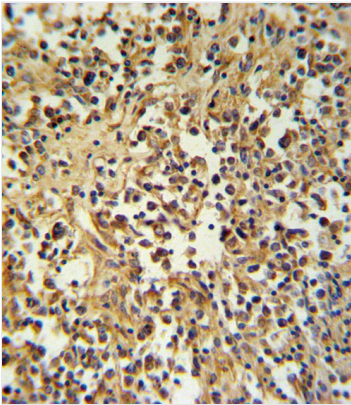
GZMM; Polyclonal Antibody; GZMM Antibody (Center); Granzyme M; 3421-; Met-1 serine protease; Hu-Met-1; Met-ase; Natural killer cell granular protease; MET1; anti-GZMM antibody

### PRODUCT SPECIFICATIONS

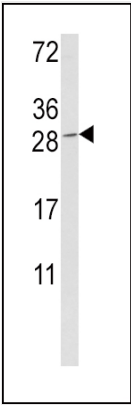
|                                                |                                                                                                                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                    |
| Reactivity                                     | Human                                                                                                                                                                                     |
| Clonality                                      | Polyclonal                                                                                                                                                                                |
| Isotype                                        | Rabbit Ig                                                                                                                                                                                 |
| 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.                          |
| Purity/Purification                            | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                                                 |
| Form/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. |
| Concentration                                  | Vial Concentration: 2 (varies by lot)                                                                                                                                                     |
| Sequence Positions                             | 84-113                                                                                                                                                                                    |
| Sequence Length                                | 257                                                                                                                                                                                       |
| Applicable Applications for anti-GZMM antibody | FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                           |
| Antigen Type                                   | Synthetic Peptide                                                                                                                                                                         |
| Antigen Source                                 | HUMAN                                                                                                                                                                                     |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                                    |



**FCM/FACS (Flow Cytometry)**  
GZMM Antibody (Center) 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.



**IHC (Immunohiostchemistry)**  
GZMM Antibody (Center) 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.



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

ADDITIONAL INFORMATION

|                                                    |                                                                            |
|----------------------------------------------------|----------------------------------------------------------------------------|
| Related Product Information for anti-GZMM antibody | GZMM cleaves peptide substrates after methionine, leucine, and norleucine. |
| Product Categories/Family for anti-GZMM antibody   | Cell Biology                                                               |
| References                                         | Mahrus,S., et.al., J. Biol. Chem. 279 (52), 54275-54282 (2004)             |

NCBI AND UNIPROT INFORMATION

|                           |                             |
|---------------------------|-----------------------------|
| NCBI GI #                 | 385275110                   |
| NCBI GeneID               | 3004                        |
| NCBI Accession #          | NP_001245280.1; NP_005308.1 |
| NCBI GenBank Nucleotide # | NM_001258351.1              |
| UniProt Accession #       | P51124                      |
| Molecular Weight          | 27545                       |
| NCBI Official Full Name   | granzyme M isoform 2        |

|                                  |                                   |
|----------------------------------|-----------------------------------|
| NCBI Official Synonym Full Names | granzyme M (lymphocyte met-ase 1) |
| NCBI Official Symbol             | GZMM                              |
| NCBI Official Synonym Symbols    | MET1; LMET1                       |
| NCBI Protein Information         | granzyme M                        |
| UniProt Protein Name             | Granzyme M                        |
| UniProt Gene Name                | <b>GZMM</b>                       |
| UniProt Synonym Gene Names       | MET1; Hu-Met-1                    |
| UniProt Entry Name               | GRAM_HUMAN                        |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/gzmm-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287517>