

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

GZMM Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323401	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

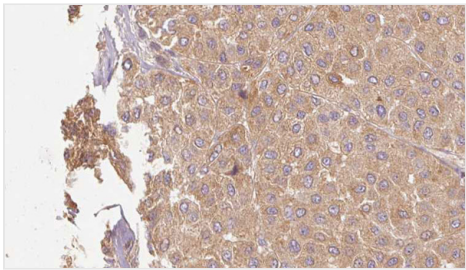
PRODUCT SYNONYMS

GZMM; Polyclonal Antibody; GZMM Antibody; GRAM_HUMAN; Granzyme M (lymphocyte met ase 1); Granzyme M; GranzymeM; GZM M; Gzmm; HU Met 1; HU-Met-1; LMET 1; LMET1; Lymphocyte met ase 1; MET 1; Met 1 serine protease; Met ase; Met-1 serine protease; Met-ase; MET1; Met1 serine protease; Natural killer cell granular protease; anti-GZMM antibody

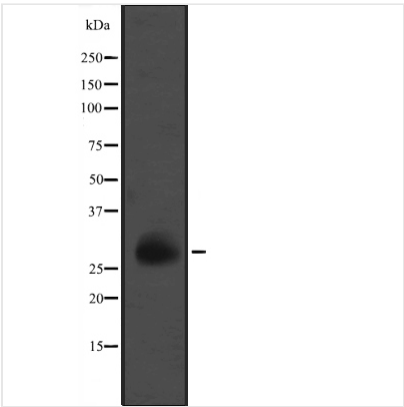
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	GZMM antibody detects endogenous levels of total GZMM
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	218
Applicable Applications for anti-GZMM antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Secreted. Cytoplasmic Granule. Granules of large granular lymphocytes.
Tissue Specificity	Highly and constitutively expressed in activated natural killer (NK) cells.
Predicted Cross Reactivity	Chicken
Similarity	Chicken (80%)
Conjugation	Unconjugated

IMAGES



IHC (Immunohistochemistry)
AAA323401 at 1/100 staining Human Melanoma tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of GZMM expression in K562 cell line lysates ;, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-GZMM antibody	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. Similarity: Belongs to the peptidase S1 family. Granzyme subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	385275110
NCBI GeneID	3004
NCBI Accession #	NP_001245280.1
NCBI GenBank Nucleotide #	NM_001258351.1
UniProt Accession #	P51124
Molecular Weight	Observed: 28 kDa Predicted: 28 kDa
NCBI Official Full Name	granzyme M isoform 2
NCBI Official Synonym Full Names	granzyme M
NCBI Official Symbol	GZMM
NCBI Official Synonym Symbols	MET1; LMET1
NCBI Protein Information	granzyme M
UniProt Protein Name	Granzyme M
UniProt Gene Name	GZMM
UniProt Synonym Gene Names	MET1; Hu-Met-1

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.