

Mouse Granzyme B Monoclonal Antibody | anti-GZMB antibody

Anti-Granzyme B Purified

CATALOG # AAA128493	HOST Mouse	REACTIVITY Non-human primates, Human	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

Granzyme B; Monoclonal Antibody; Anti-Granzyme B Purified; granzyme B; GZMB; HLP; CTLA1; SECT; anti-GZMB antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Non-human primates, Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	CLB-GB11
Specificity	The mouse monoclonal antibody CLB-GB11 recognizes granzyme B, a 31 kDa serine protease expressed intracellularly in activated Tc cells and NK cells.
Purity/Purification	Purified by Protein-A Affinity Chromatography
Form/Format	Tris buffered saline (TBS) solution with 15 mM sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	247
Applicable Applications for anti-GZMB antibody	FCM/FACS (Flow Cytometry)
Immunogen	Human NK cell line YT-INDY-derived granzyme B
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-GZMB antibody	Granzyme B is a serine protease that is expressed in cytoplasmic granules of cytotoxic T lymphocytes and NK cells. Vectorial secretion of perforin and granzymes is responsible for their granule-mediated cytotoxicity. Granzyme B plays a pivotal role in the induction of apoptosis in the target cells by activation of caspases. Moreover, granzyme B was reported to cleave directly alpha-tubulin, leading to perturbation of microtubule networks during the induced cell death.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	221625528
NCBI GeneID	3002
NCBI Accession #	NP_004122.2
NCBI GenBank Nucleotide #	NP_004122.2
UniProt Accession #	P10144

NCBI Official Full Name	granzyme B isoform 1 preproprotein
NCBI Official Synonym Full Names	granzyme B
NCBI Official Symbol	GZMB
NCBI Official Synonym Symbols	C11; HLP; CCPI; CGL1; CSPB; SECT; CGL-1; CSP-B; CTLA1; CTSG1
NCBI Protein Information	granzyme B
UniProt Protein Name	Granzyme B
UniProt Gene Name	GZMB
UniProt Synonym Gene Names	CGL1; CSPB; CTLA1; GRB; CTSG1; Lymphocyte protease; HLP
UniProt Entry Name	GRAB_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/monoclonal/granzyme-b-antibody-clone-clb-gb11-flow-cytometry-elisa/128493>