

GZMB recombinant antibody

GZMB Recombinant Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279343	HEK293F Cell	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot, ELISA

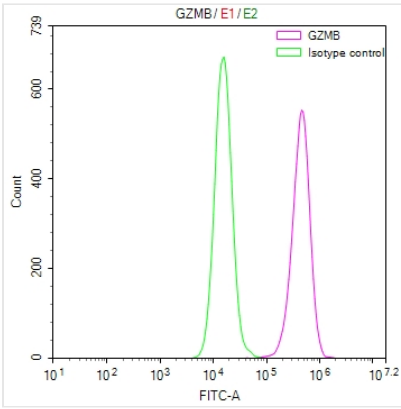
PRODUCT SYNONYMS

GZMB; Monoclonal Recombinant Antibody; GZMB Recombinant Monoclonal Antibody; C11 antibody; Cathepsin G like 1 antibody; Cathepsin G-like 1 antibody; CCPI antibody; CGL 1 antibody; CGL1 antibody; CSP B antibody; CSPB antibody; CTLA 1 antibody; CTLA-1 antibody; CTLA1 antibody; CTSL1 antibody; Cytotoxic serine protease B antibody; Cytotoxic T lymphocyte associated serine esterase 1 antibody; Cytotoxic T lymphocyte proteinase 2 antibody; Cytotoxic T-lymphocyte proteinase 2 antibody; Fragmentin 2 antibody; Fragmentin-2 antibody; GRAB_HUMAN antibody; Granzyme 2 antibody; Granzyme B (granzyme 2; cytotoxic T lymphocyte associated serine esterase 1) antibody; Granzyme B antibody; Granzyme-2 antibody; GranzymeB antibody; GRB antibody; Gzmb antibody; Hlp antibody; Human lymphocyte protein antibody; Lymphocyte protease antibody; Protease; serine; B antibody; SECT antibody; T cell serine protease 1 3E antibody; T cell serine protease 1-3E antibody; T-cell serine protease 1-3E antibody; GZMB recombinant antibody

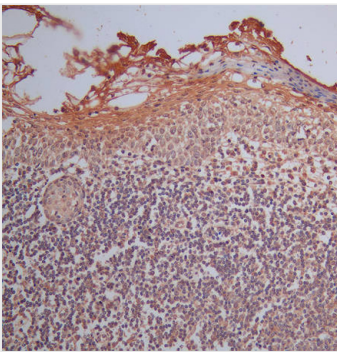
PRODUCT SPECIFICATIONS

Host	HEK293F Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	mlgG2a
Clone Number	9B2
Purity/Purification	Affinity chromatography
Form/Format	Liquid; 0.03% Proclin 300, 50% glycerol, 0.01M PBS, pH 7.4.
Applicable Applications for GZMB recombinant antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant Human GZMB protein
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

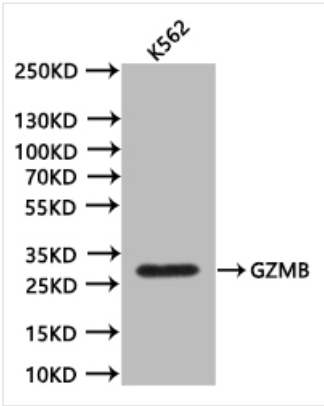
IMAGES



FCM/FACS (Flow Cytometry)
Overlay Peak curve showing THP-1 cells stained with AAA279343 (red line) at 1:50. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10⁶cells) for 45min at 4 degree C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1:200 dilution for 35min at 4 degree C. Control antibody (green line) was mouse IgG (1ug/1*10⁶cells) used under the same conditions. Acquisition of >10,000 events was performed.



IHC (Immunohiostchemistry)
IHC image of AAA279343 diluted at 1:50 and staining in paraffin-embedded human tonsil tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0) for 10 min. The tissue was then incubated with the primary antibody at 4 degree C overnight. The primary is detected by a Goat anti-Mouse IgG labeled by HRP and visualized using 0.05% DAB.



WB (Western Blot)
Western BlotPositive WB detected in:K562 whole cell lysate (20ug)All lanes: GZMB antibody at 1:1000SecondaryGoat polyclonal to mouse IgG at 1/50000 dilutionPredicted band size:27.7 kDaObserved band size:28 kDaExposure time:300s

ADDITIONAL INFORMATION

Product Categories/Family for GZMB recombinant antibody	Cell biology, Immunology
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NCBI AND UNIPROT INFORMATION

NCBI GI #	221625528
NCBI GeneID	3002
NCBI Accession #	NP_004122.2
NCBI GenBank Nucleotide #	NM_004131.4

UniProt Accession #	P10144 ; Q8N1D2 ; Q9UCC1
Molecular Weight	27,716 Da
NCBI Official Full Name	granzyme B
NCBI Official Synonym Full Names	granzyme B (granzyme 2, cytotoxic T-lymphocyte-associated serine esterase 1)
NCBI Official Symbol	GZMB
NCBI Official Synonym Symbols	HLP; CCPI; CGL1; CSPB; SECT; CGL-1; CSP-B; CTLA1; CTSG1
NCBI Protein Information	granzyme B; C11; CTLA-1; fragmentin 2; fragmentin-2; cathepsin G-like 1; human lymphocyte protein; T-cell serine protease 1-3E; cytotoxic serine protease B; cytotoxic T-lymphocyte proteinase 2
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://stage.aaabiotech.com/monoclonal/gzmb-recombinant-antibody-clone-9b2-flow-cytometry-immunohistochemistry-western-blot-elisa/279343>