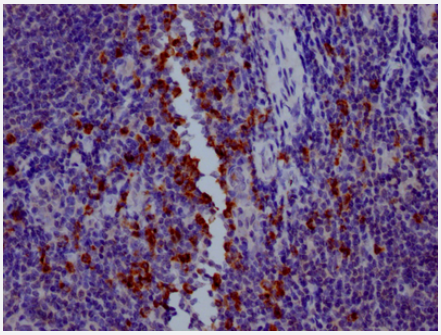
RecomAb™

GZMB recombinant monoclonal antibody, clone 6A1

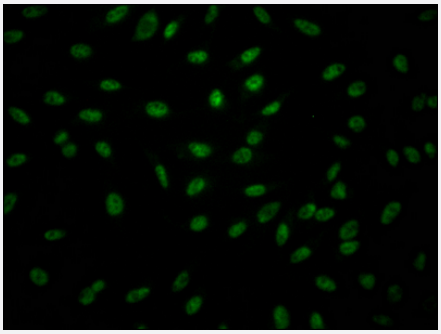
Catalog # RAB04075 Size 100 uL

Applications



Immunohistochemistry

Immunohistochemistry image of GZMB recombinant monoclonal antibody, clone 6A1 diluted at 1:100 and staining in paraffin-embedded human tonsil tissue performed on a Leica BondTM system.



Immunofluorescence

Immunofluorescence staining of Hela Cells with GZMB recombinant monoclonal antibody, clone 6A1 at 1:50, counter-stained with DAPI.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human GZMB.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human GZMB.
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system

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Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry (1:50-1:200) Immunofluorescence(1:20-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at -20 °C or -80 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry

  Immunohistochemistry image of GZMB recombinant monoclonal antibody, clone 6A1 diluted at 1:100 and staining in paraffin-embedded human tonsil tissue performed on a Leica BondTM system.

- Immunofluorescence

  Immunofluorescence staining of Hela Cells with GZMB recombinant monoclonal antibody, clone 6A1 at 1:50, counter-stained with DAPI.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — GZMB

Entrez GeneID	3002
Protein Accession#	P10144
Gene Name	GZMB
Gene Alias	CCPI, CGL-1, CGL1, CSP-B, CSPB, CTLA1, CTSGL1, HLP, SECT
Gene Description	granzyme B (granzyme 2, cytotoxic T-lymphocyte-associated serine esterase 1)
Omim ID	123910
Gene Ontology	Hyperlink

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Gene Summary	Cytolytic T lymphocytes (CTL) and natural killer (NK) cells share the remarkable ability to recognize, bind, and lyse specific target cells. They are thought to protect their host by lysing cells bearing on their surface 'nonself' antigens, usually peptides or proteins resulting from infection by intracellular pathogens. The protein encoded by this gene is crucial for the rapid induction of target cell apoptosis by CTL in cell-mediated immune response. [provided by RefSeq
Other Designations	T-cell serine protease 1-3E|cathepsin G-like 1|cytotoxic serine protease B|fragmentin 2|granzyme B

Pathway

- Allograft rejection
- Autoimmune thyroid disease
- Graft-versus-host disease
- Natural killer cell mediated cytotoxicity
- Type I diabetes mellitus

Disease

- Arthritis
- Asthma
- Autoimmune Diseases
- Behcet Syndrome
- Breast cancer
- Breast Neoplasms
- Bronchiolitis
- Genetic Predisposition to Disease
- Infant
- Leukemia
- Lymphohistiocytosis
- Melanoma

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- Neovascularization
- Respiratory Syncytial Virus Infections
- Vitiligo

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