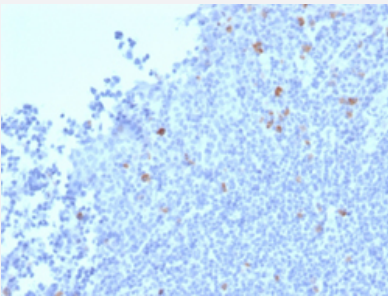


GZMB monoclonal antibody, clone GZMB/2403

Catalog # MAB21215 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with GZMB monoclonal antibody, clone GZMB/2403 (Cat # MAB21215).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human GZMB.
Immunogen	Recombinant protein corresponding to amino acids 73-187 of human GZMB.
Host	Mouse
Theoretical MW (kDa)	29-32
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Isotype	IgG2b, kappa
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA, 0.05% sodium azide).
Storage Instruction	Store at 4°C.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with GZMB monoclonal antibody, clone GZMB/2403 (Cat # MAB21215).

Gene Info — GZMB

Entrez GeneID [3002](#)

Protein Accession# [P10144](#)

Gene Name GZMB

Gene Alias CCPI, CGL-1, CGL1, CSP-B, CSPB, CTLA1, CTSL1, HLP, SECT

Gene Description granzyme B (granzyme 2, cytotoxic T-lymphocyte-associated serine esterase 1)

Omim ID [123910](#)

Gene Ontology [Hyperlink](#)

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](#)
- [Neovascularization](#)
- [Respiratory Syncytial Virus Infections](#)
- [Vitiligo](#)