A22993

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Granzyme B Rabbit mAb

Catalog No.: A22993 Recombinant 1 Publications

Basic Information

Observed MW
Refer to figures

Calculated MW
28kDa

Category
Monoclonal Antibody

Applications
IHC-P,ELISA

Cross-Reactivity
Human

Clone number
ARC55455

Background

This gene encodes a member of the granzyme subfamily of proteins, part of the peptidase S1 family of serine proteases. The encoded preproprotein is secreted by natural killer (NK) cells and cytotoxic T lymphocytes (CTLs) and proteolytically processed to generate the active protease, which induces target cell apoptosis. This protein also processes cytokines and degrades extracellular matrix proteins, and these roles are implicated in chronic inflammation and wound healing. Expression of this gene may be elevated in human patients with cardiac fibrosis.

Recommended Dilutions

IHC-P	1:100 - 1:500
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
3002

Swiss Prot
P10144

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
C11; HLP; CCPI; CGL1; CSPB; SECT; CGL-1; CSP-B; CTLA1; CTSGL1; Granzyme B

Contact

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Product Information

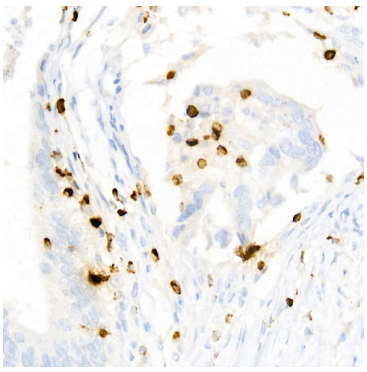
Source
Rabbit

Isotype
IgG

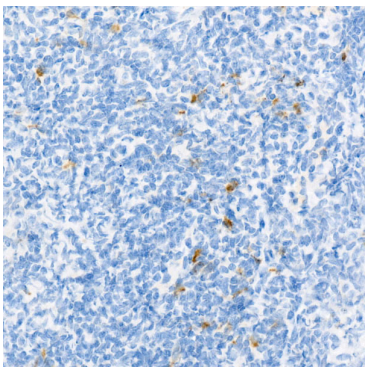
Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using Granzyme B Rabbit mAb (A22993) at dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using Granzyme B Rabbit mAb (A22993) at dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.