

# APC Rat anti-Mouse Granzyme B mAb

Catalog No.: A27510

## Basic Information

### Observed MW

### Calculated MW

27kDa

### Category

Primary antibody

### Applications

FC (intra)

### Cross-Reactivity

Mouse

### CloneNo number

ATC0043

### Conjugate

APC. Ex:650nm. Em:660nm.

## Recommended Dilutions

**FC (intra)**     0.125 µg per 10<sup>6</sup> cells  
                         in 100 µl volume

## 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. Mice lacking a functional copy of this gene exhibit impaired immune cell-mediated cytotoxicity.

## Immunogen Information

### Gene ID

14939

### Swiss Prot

P04187

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

GZB; CCPI; Ctla1; Ctla-1; CCP-1/C11

## Contact

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## Product Information

### Source

Rat

### Isotype

IgG2a, kappa

### Purification

Affinity purification

### Storage

Store at 4°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, pH7.2.

## Validation Data

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