

PE/Cyanine7 Rat anti-Mouse Granzyme B mAb

Catalog No.: A27482

Basic Information

Observed MW

Calculated MW

27kDa

Category

Primary antibody

Applications

FC (intra)

Cross-Reactivity

Mouse

CloneNo number

ATC0043

Conjugate

PE-Cy7. Ex:565nm. Em:778nm.

Recommended Dilutions

FC (intra) 0.125 µg per 10⁶ 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; CCP1; CtlA1; CtlA-1; CCP-1/C11

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Product Information

Source

Rat

Isotype

Rat / IgG2a, kappa

Purification

Affinity purification

Storage

Store at 4°C. Avoid freeze.

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

Validation Data

