For Research Use Only

Anti-Mouse Gzma Rabbit Recombinant Antibody

Catalog Number:98630-2-RR

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Basic Information

Catalog Number:
98630-2-RR

Size:
100ug , 1000 µg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG3026

GenBank Accession Number:
NM_010370.3

GeneID (NCBI):
14938

UNIPROT ID:
P11032-1

Full Name:
granzyme A

Calculated MW:
29 kDa

Purification Method:
Protein A purification

CloneNo.:
251097D2

Recommended Dilutions:
FC (Intra): 0.25 ug per 10^6 cells in a 100 ul suspension

Applications

Tested Applications:
FC (Intra)

Species Specificity:
mouse

Positive Controls:

FC (Intra) : anti-CD3/CD28 and Brefeldin A treated mouse splenocytes,

Background Information

Granzyme A (GrA, a tryptase) is necessary for target cell lysis in cell-mediated immune responses. It activates mitochondrial outer membrane permeabilization- and caspase-independent cell death pathways by cleaving the mitochondrial complex I component NDUFS3after lys56. Among serine proteases GrA has an unique quaternary structure consisting of a disulphide-linked homodimer of 60kDa linked via Cys93.

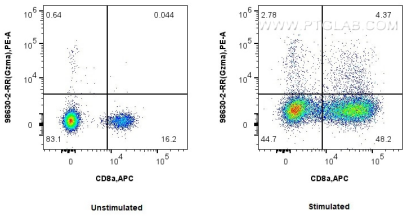
Storage

Storage:
Store at 2 - 8°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide, pH7.3

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



1x10^6 untreated or anti-CD3/CD28 and Brefeldin A treated mouse splenocytes were intracellularly stained with 0.25 ug Anti-Mouse Gzma Rabbit RecAb (98630-2-RR, Clone: 251097D2) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were co-stained with APC Anti-Mouse CD8a (53-6.7) (APC-65069, Clone: 53-6.7). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019).