For Research Use Only

Anti-Mouse Gzma Rabbit Recombinant Antibody, PBS Only

Catalog Number:98630-2-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
98630-2-PBS

Concentration:
1mg, 3 mg/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

Applications

Tested Applications:
FC (Intra)

Species Specificity:
mouse

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.

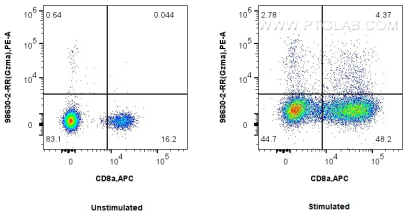
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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). This data was