

For Research Use Only

Anti-Human IL-1 beta Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98142-1-PBS



Basic Information

Catalog Number:

98142-1-PBS

Size:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC008678

GeneID (NCBI):

3553

ENSEMBL Gene ID:

ENSG00000125538

UNIPROT ID:

P01584

Full Name:

interleukin 1, beta

Calculated MW:

269 aa, 31 kDa

Purification Method:

Protein A purification

CloneNo.:

240902A3

Applications

Tested Applications:

FC (Intra)

Species Specificity:

human

Background Information

Interleukin-1 is a pro-inflammatory cytokine with multiple biological effects. The IL-1 gene family encodes three proteins: IL-1 α , IL-1 β and their naturally occurring inhibitor IL-1RN. IL-1 Beta(IL-1 β), mainly produced by blood monocytes and tissue macrophages, has been implicated in mediating both acute and chronic inflammation. IL-1 β is known to be involved in a variety of cellular activities, including cell proliferation, differentiation and apoptosis. IL-1 β is emerging as a key mediator of carcinogenesis that characterizes host-environment interactions.

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

For technical support and original validation data for this product please contact:

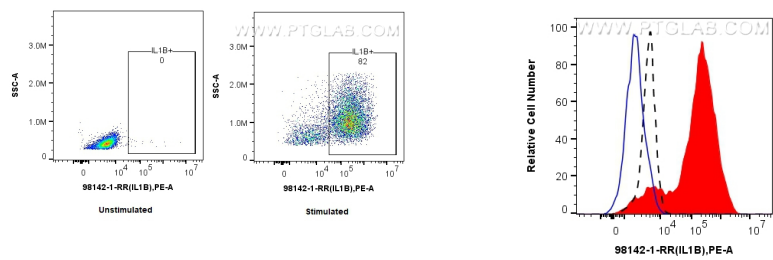
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ untreated or IFN gamma, LPS and Brefeldin A treated human PBMCs were intracellularly stained with 0.25 ug Anti-Human IL-1 beta Rabbit Recombinant Antibody (98142-1-RR, Clone: 240902A3) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). Granulocytes were gated. This data was developed using the same antibody clone with 98142-1-PBS in a

1x10⁶ IFN gamma, LPS and Brefeldin A treated human PBMCs were intracellularly stained with 0.25 ug Anti-Human IL-1 beta Rabbit Recombinant Antibody (98142-1-RR, Clone: 240902A3) (red) or Isotype Control (blue) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). 1x10⁶ unstimulated human PBMCs were intracellularly stained with 0.25 ug Anti-Human IL-1 beta Rabbit Recombinant Antibody (98142-1-RR, Clone: 240902A3) (black, dashed) and PE-Conjugated Goat Anti-