

For Research Use Only

Anti-Rat IL-1 beta Rabbit Recombinant Antibody

Catalog Number: 98310-2-RR



Basic Information

Catalog Number:

98310-2-RR

Concentration:

100ug, 1000 μ g/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_031512

GeneID (NCBI):

24494

UNIPROT ID:

Q63264

Full Name:

interleukin 1 beta

Calculated MW:

31 kDa

Purification Method:

Protein A purification

CloneNo.:

241001F11

Applications

Tested Applications:

FC (Intra)

Species Specificity:

rat

Background Information

Interleukin-1, produced mainly by blood monocytes, mediates the panoply of host reactions collectively known as acute phase response. It is identical to endogenous pyrogen. The multiple biologic activities that define IL1 are properties of a 15- to 18-kD protein that is derived from a 30- to 35-kD precursor. Interleukin 1 β (IL-1B) is a member of the interleukin 1 cytokine family. It is a pro-inflammatory cytokine against infection, playing an important role in the pathogenesis of cancers. It signals through various adaptor proteins and kinases that lead to activation of numerous downstream targets.

Storage

Storage:

Store at 2 - 8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH 7.3.

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

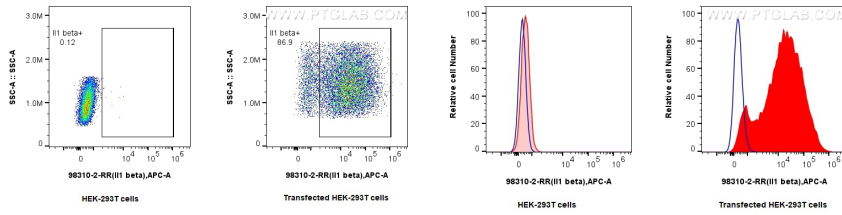
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ HEK-293T cells or IL-1 beta transfected HEK-293T cells were intracellularly stained with 0.25 ug Anti-Rat IL1 beta Rabbit RecAb (98310-2-RR, Clone: 241001F11) and Multi-rAb CoraLite® Plus 647-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR005). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).

1x10⁶ HEK-293T cells or IL-1 beta transfected HEK-293T cells were intracellularly stained with 0.25 ug Anti-Rat IL1 beta Rabbit RecAb (98310-2-RR, Clone: 241001F11) and Multi-rAb CoraLite® Plus 647-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR005) (red), or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).