

For Research Use Only

FcZero-rAb™ Biotin Anti-Mouse IL-1R2 Rabbit Recombinant Antibody

Catalog Number: Biotin-FcA98347



Basic Information

Catalog Number:

Biotin-FcA98347

Concentration:

100ug, 500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2956

GenBank Accession Number:

NM_010555.4

GeneID (NCBI):

16178

Full Name:

interleukin 1 receptor, type II

Calculated MW:

46 kDa

Purification Method:

Protein A purification

CloneNo.:

242602C1

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

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Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : mouse bone marrow cells,

Background Information

Interleukin-1 receptor type 2 (IL-1R2, also known as CD121b) is a cytokine receptor that belongs to the interleukin 1 receptor family. It exists in both a membrane bound and soluble form. IL1R2 binds interleukin alpha (IL1A), interleukin beta (IL1B), and interleukin 1 receptor, type I (IL1R1/IL1RA), and acts as a decoy receptor that inhibits the activity of its ligands. IL1R2 serves as a negative regulator of IL-1 signaling, thereby suppressing inflammatory response.

Storage

Storage:

Store at 2-8°C. Avoid exposure to light. 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:

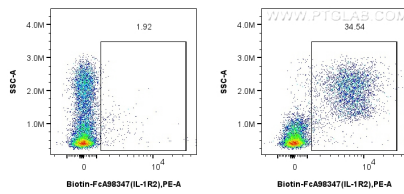
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug Biotin Anti-Mouse IL-1R2 Rabbit RecAb (Biotin-FcA98347, Clone: 242602C1) or 0.25 ug FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9). Cells were not fixed.