

PE Rat anti-Mouse IL-10 mAb

Catalog No.: A27681

Basic Information

Observed MW

Calculated MW

21kDa

Category

Primary antibody

Applications

FC (intra)

Cross-Reactivity

Mouse

CloneNo number

ATC0063

Conjugate

APC. Ex:650nm. Em:660nm.

Background

This gene encodes an anti-inflammatory cytokine that is a member of the class-2 cytokine family. The encoded protein is secreted by cells of both the innate and adaptive immune systems and is crucial for limiting the immune response to a broad range of pathogens. It also has been shown to suppress autoimmune responses. This protein mediates its immunosuppressive signal through a specific interleukin 10 receptor complex. Aberrant functioning of this gene is associated with numerous immune disorders including graft-versus-host disease, and increased susceptibility to HIV-1 infection and rheumatoid arthritis.

Recommended Dilutions

FC (intra) ≤0.25 µg per million cells in
100 µl volume

Immunogen Information

Gene ID

16153

Swiss Prot

P18893

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

CSIF; If2a; IL-10

Contact

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Product Information

Source

Rat

Isotype

Rat / IgG2b, kappa

Purification

Affinity purification

Storage

Store at 4°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, pH7.2.