

For Research Use Only

# FcZero-rAb™ PE Anti-Mouse CTLA-4/CD152 Rabbit Recombinant Antibody

Catalog Number: PE-FcA98147



## Basic Information

Catalog Number:

PE-FcA98147

Concentration:

100ug, 200 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG0632

GenBank Accession Number:

NM\_009843.4

GeneID (NCBI):

12477

UNIPROT ID:

P09793

Full Name:

cytotoxic T-lymphocyte-associated protein 4

Calculated MW:

25 kDa

Purification Method:

Protein A purification

CloneNo.:

241100B8

Recommended Dilutions:

FC: 0.1 ug per 10<sup>6</sup> cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

496 nm, 565 nm / 578 nm

## Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : Con A treated mouse splenocytes,

## Background Information

CTLA-4, also known as CD152, belonging to the immunoglobulin superfamily, is primarily found on activated T cells and regulatory T cells (Tregs). CTLA-4 is closely related to the T-cell costimulatory CD28, and both molecules bind to B7-1 and B7-2 on antigen-presenting cells. CTLA-4 acts as a negative regulatory molecule of T-cell responses. Besides the full-length transmembrane form, CTLA-4 also exists in a truncated soluble form (sCTLA-4).

## 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 and 0.5% BSA, pH7.3

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

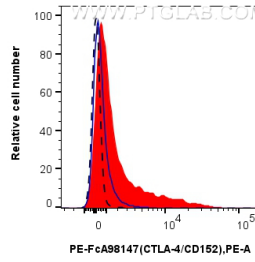
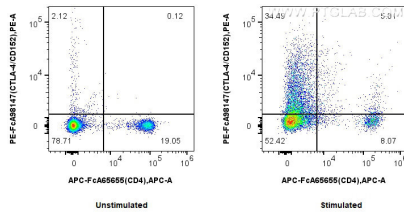
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## Selected Validation Data



1x10<sup>6</sup> untreated or ConA-treated mouse splenocytes were surface stained with FcZero-rAb™ APC Anti-Mouse CD4 and 0.1 ug PE Anti-Mouse CTLA-4/CD152 Rabbit RecAb (PE-FcA98147, Clone: 241100B8). Cells were not fixed.

1x10<sup>6</sup> ConA-treated mouse splenocytes were surface stained with 0.1 ug PE Anti-Mouse CTLA-4/CD152 Rabbit RecAb (PE-FcA98147, Clone: 241100B8) (red) or 0.1 ug PE Rabbit IgG Isotype Control RecAb (PE-FcA98136, Clone: 240953C9) (blue). 1x10<sup>6</sup> untreated mouse splenocytes were surface stained with 0.1 ug PE Anti-Mouse CTLA-4/CD152 Rabbit RecAb (PE-FcA98147, Clone: 241100B8) (black, dashed). Cells were not fixed.