

For Research Use Only

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

Catalog Number: APC-FcA98147



## Basic Information

<b>Catalog Number:</b> APC-FcA98147	<b>GenBank Accession Number:</b> NM_009843.4	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , 200 µg/ml	<b>GeneID (NCBI):</b> 12477	<b>CloneNo.:</b> 241100B8
<b>Source:</b> Rabbit	<b>Full Name:</b> cytotoxic T-lymphocyte-associated protein 4	<b>Recommended Dilutions:</b> FC: 0.1 ug per 10 <sup>6</sup> cells in a 100 µl suspension
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 25 kDa	<b>Excitation/Emission maxima wavelengths:</b> 650 nm / 660 nm
<b>Immunogen Catalog Number:</b> EG0632		

## Applications

<b>Tested Applications:</b> FC	<b>Positive Controls:</b> FC : Con A treated mouse splenocytes,
<b>Species Specificity:</b> mouse	

## 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

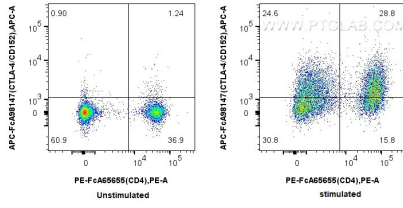
For technical support and original validation data for this product please contact:

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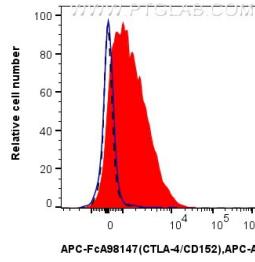
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## Selected Validation Data



1x10<sup>6</sup> untreated or Con A-treated mouse splenocytes were surface stained with PE Anti-Mouse CD4 (RM4-4) and 0.1 ug APC Anti-Mouse CTLA-4/CD152 Rabbit RecAb (APC-FcA98147, Clone: 241100B8). Cells were not fixed.



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