# PE Rabbit anti-Human CD152/CTLA-4 mAb

**ABclonal** 

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Catalog No.: A23713

### **Basic Information**

### **Observed MW**

### **Calculated MW**

6kDa/8kDa/19kDa/24kDa

### Category

Primary antibody

## **Applications**

FC (intra)

### **Cross-Reactivity**

Human

### CloneNo number

ARC57384

### Conjugate

PE. Ex:565nm. Em:574nm.

## **Background**

This gene is a member of the immunoglobulin superfamily and encodes a protein which transmits an inhibitory signal to T cells. The protein contains a V domain, a transmembrane domain, and a cytoplasmic tail. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. The membrane-bound isoform functions as a homodimer interconnected by a disulfide bond, while the soluble isoform functions as a monomer. Mutations in this gene have been associated with insulin-dependent diabetes mellitus, Graves disease, Hashimoto thyroiditis, celiac disease, systemic lupus erythematosus, thyroid-associated orbitopathy, and other autoimmune diseases.

## **Recommended Dilutions**

FC (intra)

5 µl per 10^6 cells in 100 μl volume

## **Immunogen Information**

**Gene ID** 1493

**Swiss Prot** 

P16410

### **Immunogen**

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

### **Synonyms**

CD; GSE; GRD4; ALPS5; CD152; CTLA-4; IDDM12; CELIAC3

### **Contact**

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### **Product Information**

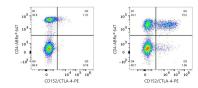
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## **Validation Data**



Flow cytometry:  $1\times10^6$  Human PBMC (untreated,left) and Human PBMC (treated with 50 ng/mL PMA and 1  $\mu$ g/mL ionomycin for 6 hours,right) were surface-stained with ABflo® 647 Rabbit anti-Human/Monkey CD4 mAb (A25279,5  $\mu$ l/Test) , then intracellularly-stained with PE Rabbit anti-Human CD152/CTLA-4 mAb (A23713,5  $\mu$ l/Test).