

PE Rabbit anti-Human CD152/CTLA-4 mAb

Catalog No.: A29413

Basic Information

Observed MW

Calculated MW

Category

Primary antibody

Applications

FC (intra),FC

Cross-Reactivity

Human

CloneNo number

ARC57057

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) FC

Immunogen Information

Gene ID

1493

Swiss Prot

P16410

Immunogen

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

Synonyms

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

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

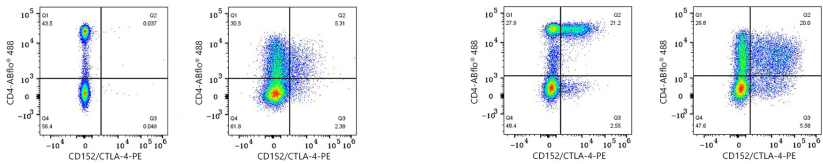
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1X10⁶ Human PBMC (untreated,left) and Human PBMC (treated with 50 ng/mL PMA and 1 µg/mL ionomycin for 6 hours,right) were surface-stained with ABR6® 488 Rabbit anti-Human/Monkey CD4 mAb (A22773,5 µl/Test) and PE Rabbit anti-Human CD152/CTLA-4 mAb (A29413,5 µl/Test). Cells in the lymphocyte gate were used for analysis.

Flow cytometry: 1X10⁶ Human PBMC (untreated,left) and Human PBMC (treated with 50 ng/mL PMA and 1 µg/mL ionomycin for 6 hours,right) were surface-stained with ABR6® 488 Rabbit anti-Human/Monkey CD4 mAb (A22773,5 µl/Test) , then intracellularly-stained with PE Rabbit anti-Human CD152/CTLA-4 mAb (A29413,5 µl/Test). Cells in the lymphocyte gate were used for analysis.