

# ABflo® 700 Rabbit anti-Human CD152/CTLA-4 mAb

Catalog No.: A26551

## Basic Information

### Observed MW

### Calculated MW

25kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC57384-ABflo700

### Conjugate

ABflo® 700. Ex:690nm. Em:713nm.

## Recommended Dilutions

FC 5 µl per 10<sup>6</sup> cells in  
100 µl volume

## 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.

## Immunogen Information

### Gene ID

1493

### Swiss Prot

P16410

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 37-162 of human CD152/CTLA-4 (NP\_005205.2).

### Synonyms

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

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

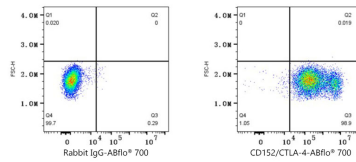
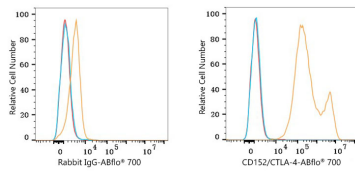
Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.

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

## Validation Data



Flow cytometry: 1X10<sup>6</sup> 293F cells (negative control, left) and 293F-CD152/CTLA-4 (Transfection, right) cells were surface-stained with ABflo® 700 Rabbit anti-Human CD152/CTLA-4 mAb (A26551,5 µl/Test, orange line) or ABflo® 700 Rabbit IgG isotype control (A25976,5 µl/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1X10<sup>6</sup> 293F-CD152/CTLA-4 (Transfection) cells were surface-stained with ABflo® 700 Rabbit IgG isotype control (A25976,5 µl/Test, left) or ABflo® 700 Rabbit anti-Human CD152/CTLA-4 mAb (A26551,5 µl/Test, right).