

A24982

Leader in Biomolecular Solutions for Life Science



## ABflo® 647 Rabbit anti-Human CD153 mAb

Catalog No.: A24982

### Basic Information

#### Observed MW

#### Calculated MW

26kDa

#### Category

SMab Recombinant Monoclonal  
Antibody

#### Applications

FC

#### Cross-Reactivity

Human

#### CloneNo number

ARC64953-ABflo647

#### Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

### Recommended Dilutions

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

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Background

The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for TNFRSF8/CD30, which is a cell surface antigen and a marker for Hodgkin lymphoma and related hematologic malignancies. The engagement of this cytokine expressed on B cell surface plays an inhibitory role in modulating Ig class switch. This cytokine was shown to enhance cell proliferation of some lymphoma cell lines, while to induce cell death and reduce cell proliferation of other lymphoma cell lines. The pleiotropic biologic activities of this cytokine on different CD30+ lymphoma cell lines may play a pathophysiologic role in Hodgkin's and some non-Hodgkin's lymphomas. Two transcript variants encoding different isoforms have been found for this gene.

### Immunogen Information

#### Gene ID

944

#### Swiss Prot

P32971

#### Immunogen

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

#### Synonyms

CD153; CD30L; CD30LG; TNLG3A

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

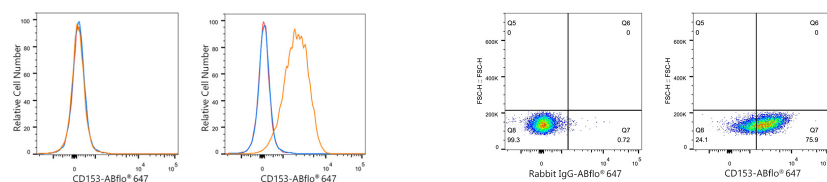
Affinity purification

#### 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:  $1 \times 10^6$  K-562 cells (negative control, left) and Daudi cells (right) were surface-stained with ABflo® 647 Rabbit anti-Human CD153 mAb (A24982, 5  $\mu$ l/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry:  $1 \times 10^6$  Daudi cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5  $\mu$ l/Test, left) or ABflo® 647 Rabbit anti-Human CD153 mAb (A24982, 5  $\mu$ l/Test, right).