

# ABflo® 647 Rabbit anti-Human CD55 mAb

**Catalog No.: A21943**

## Basic Information

### Observed MW

### Calculated MW

41kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC54520

### Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

## Background

This gene encodes a glycoprotein involved in the regulation of the complement cascade. Binding of the encoded protein to complement proteins accelerates their decay, thereby disrupting the cascade and preventing damage to host cells. Antigens present on this protein constitute the Cromer blood group system (CROM). Alternative splicing results in multiple transcript variants. The predominant transcript variant encodes a membrane-bound protein, but alternatively spliced transcripts may produce soluble proteins.

## Recommended Dilutions

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

## Immunogen Information

### Gene ID

1604

### Swiss Prot

P08174

### Immunogen

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

### Synonyms

CR; TC; DAF; CROM; CHAPLE

## Contact

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	<a href="http://www.abclonal.com.cn">www.abclonal.com.cn</a>

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

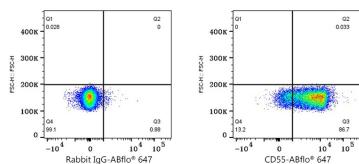
### Storage

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

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Flow cytometry:  $1 \times 10^6$  Human PBMC were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5  $\mu$ l/Test, left) or ABflo® 647 Rabbit anti-Human CD55 mAb (A21943, 5  $\mu$ l/Test, right). Cells in the lymphocyte gate were used for analysis.