

# ABflo® 647 Rabbit anti-Mouse CD278/ICOS mAb

Catalog No.: A23814

## Basic Information

### Observed MW

### Calculated MW

22KDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Mouse

### CloneNo number

ARC62052

### Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

## Recommended Dilutions

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

## Background

Predicted to be involved in T cell costimulation; T cell tolerance induction; and cell-cell adhesion. Located in external side of plasma membrane. Is integral component of plasma membrane. Used to study common variable immunodeficiency. Human ortholog(s) of this gene implicated in celiac disease; common variable immunodeficiency; and immunoglobulin alpha deficiency. Orthologous to human ICOS (inducible T cell costimulator).

## Immunogen Information

### Gene ID

54167

### Swiss Prot

Q9WVS0

### Immunogen

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

### Synonyms

H4; CCLP; AILIM; CRP-1; Ly115

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

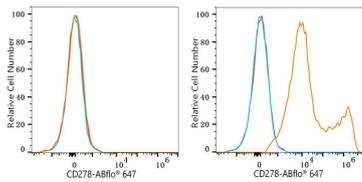
Affinity purification

### Storage

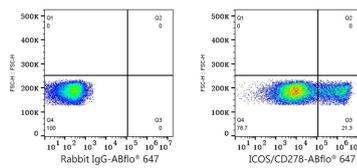
Store at 2-8°C. Avoid freeze.

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:  $1 \times 10^6$  CHO cells (negative control, left) and CHO (Transfection, right) cells were surface-stained with ABflo® 647 Rabbit anti-Mouse ICOS/CD278 mAb (A23814, 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:  $1 \times 10^6$  CHO (Transfection) cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5  $\mu$ l/Test, left) or ABflo® 647 Rabbit anti-Mouse ICOS/CD278 mAb (A23814, 5  $\mu$ l/Test, right).