

# ABflo® 647 Rabbit anti-Human/Monkey CD29/Integrin-β1 mAb

Catalog No.: A22192

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

87kDa/88kDa/91kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human, Cynomolgus

### CloneNo number

ARC52470

### Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

## Recommended Dilutions

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

## Background

Integrins are heterodimeric proteins made up of alpha and beta subunits. At least 18 alpha and 8 beta subunits have been described in mammals. Integrin family members are membrane receptors involved in cell adhesion and recognition in a variety of processes including embryogenesis, hemostasis, tissue repair, immune response and metastatic diffusion of tumor cells. This gene encodes a beta subunit. Multiple alternatively spliced transcript variants which encode different protein isoforms have been found for this gene.

## Immunogen Information

### Gene ID

Hu 3688 Cyon 102144610

### Swiss Prot

P05556

### Immunogen

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

### Synonyms

CD29; FNRB; MDF2; VLAB; GPIIA; MSK12; VLA-BETA

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

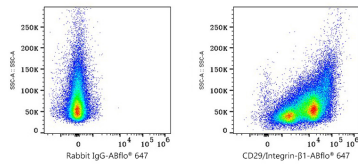
Affinity purification

### Storage

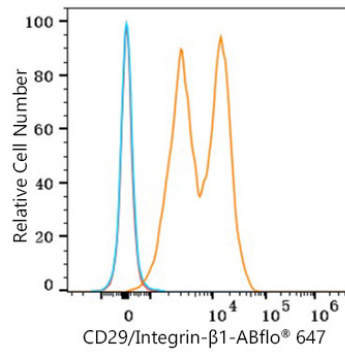
Store at 2-8°C. Avoid freeze.

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:  $1 \times 10^6$  Cynomolgus PBMC were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5  $\mu$ l/Test, left) or ABflo® 647 Rabbit anti-Human/Monkey CD29/Integrin- $\beta$ 1 mAb (A22192, 5  $\mu$ l/Test, right). Cells in the lymphocyte and monocyte gate were used for analysis.



Flow cytometry:  $1 \times 10^6$  Human PBMC were surface-stained ABflo® 647 Rabbit anti-Human/Monkey CD29/Integrin- $\beta$ 1 mAb (A22192, 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). Cells in the lymphocyte gate were used for analysis.