

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

Catalog No.: A22192 **1 Publications**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

87kDa/88kDa/91kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC52470-ABf647

### 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

3688

### Swiss Prot

P05556

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-728 of human Integrin-β1/CD29 (NP\_002202.2).

### Synonyms

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

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

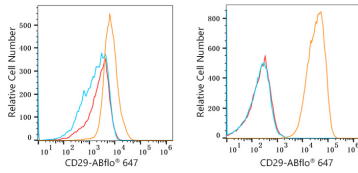
### Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

## Validation Data

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Flow cytometry:  $1 \times 10^6$  RPMI 8226 cells (negative control, left) and A549 cells (right) were surface-stained with ABflo® 647 Rabbit anti-Human Integrin-β1/CD29 mAb (A22192, 5 μl/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 μl/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).