

# APC Rabbit anti-Human Integrin- $\beta$ 1/CD29 mAb

Catalog No.: A26391

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

87kDa/88kDa/91kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC52470

### Conjugate

APC. Ex:650nm. Em:660nm.

## Recommended Dilutions

**FC** 5  $\mu$ l per  $10^6$  cells in  
100  $\mu$ l 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 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

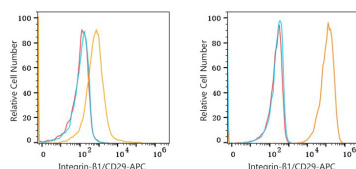
Affinity purification

### Storage

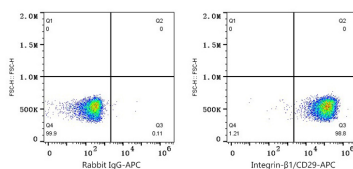
Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

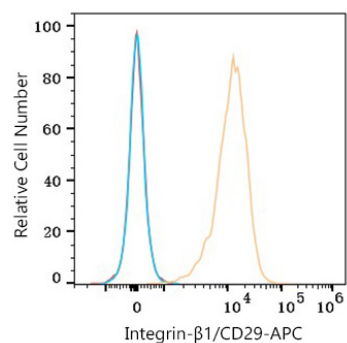
## Validation Data



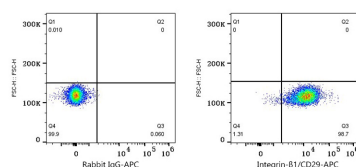
Flow cytometry:  $1 \times 10^6$  RPMI-8226 cells (Low Expression, left) and A549 cells (right) were surface-stained with APC Rabbit anti-Human Integrin- $\beta 1$ /CD29 mAb (A26391, 5  $\mu$ l/Test, orange line) or APC Rabbit IgG isotype control (A24173, 5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:  $1 \times 10^6$  A549 cells were surface-stained with APC Rabbit IgG isotype control (A24173, 5  $\mu$ l/Test, left) or APC Rabbit anti-Human Integrin- $\beta 1$ /CD29 mAb (A26391, 5  $\mu$ l/Test, right).



Flow cytometry:  $1 \times 10^6$  Human PBMC were surface-stained with APC Rabbit anti-Human Integrin- $\beta 1$ /CD29 mAb (A26391, 5  $\mu$ l/Test, orange line) or APC Rabbit IgG isotype control (A24173, 5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:  $1 \times 10^6$  Human PBMC were surface-stained with APC Rabbit IgG isotype control (A24173, 5  $\mu$ l/Test, left) or APC Rabbit anti-Human Integrin- $\beta 1$ /CD29 mAb (A26391, 5  $\mu$ l/Test, right).