

# Integrin alpha 3/CD49c Rabbit mAb

Catalog No.: A26152 **Recombinant**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

117kDa

### Category

Primary antibody

### Applications

IHC-P,FC,(ELISA)

### Cross-Reactivity

Human

### CloneNo number

ARC67523

## Background

The gene encodes a member of the integrin alpha chain family of proteins. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain that function as cell surface adhesion molecules. The encoded preproprotein is proteolytically processed to generate light and heavy chains that comprise the alpha 3 subunit. This subunit joins with a beta 1 subunit to form an integrin that interacts with extracellular matrix proteins including members of the laminin family. Expression of this gene may be correlated with breast cancer metastasis.

## Recommended Dilutions

**IHC-P** 1:50 - 1:200

**FC** 1:500 - 1:1000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

3675

### Swiss Prot

P26006

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 466-620 of human Integrin alpha 3/CD49c (NP\_002195.1).

### Synonyms

JEB7; VL3A; CD49C; FRP-2; GAPB3; ILNEB; MSK18; VCA-2; VLA3a; GAP-B3

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

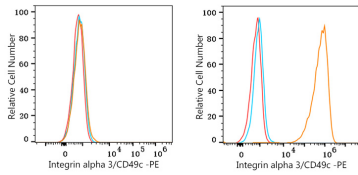
Affinity purification

### Storage

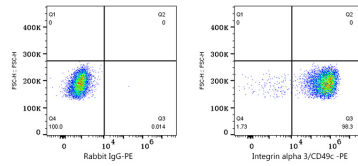
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3

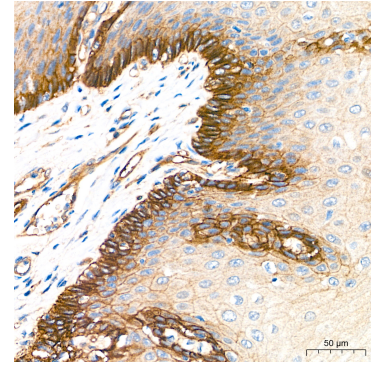
## Validation Data



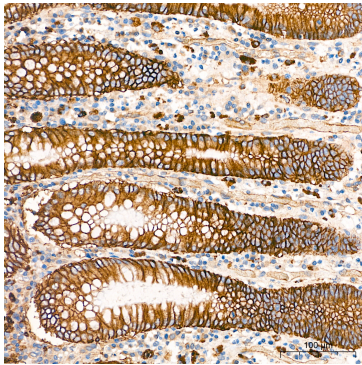
Flow cytometry:  $1 \times 10^6$  K-562 cells (negative control, left) and A-431 cells (right) were surface-stained with Integrin alpha 3/CD49c Rabbit mAb (A26152, 2 µg/mL, orange line) or Rabbit IgG isotype control (AC042, 2 µg/mL, blue line), followed by PE Donkey anti-Rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).



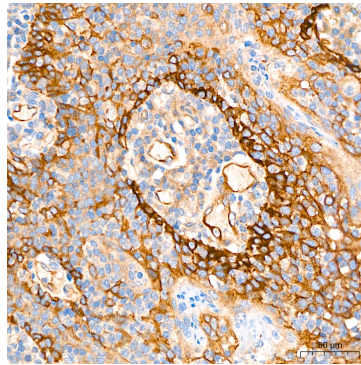
Flow cytometry:  $1 \times 10^6$  A-431 cells were surface-stained with Rabbit IgG isotype control (AC042, 2 µg/mL, left) or Integrin alpha 3/CD49c Rabbit mAb (A26152, 2 µg/mL, right), followed by PE Donkey anti-Rabbit pAb staining.



Immunohistochemistry analysis of paraffin-embedded Human esophagus tissue using Integrin alpha 3/CD49c Rabbit mAb (A26152) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human colon tissue using Integrin alpha 3/CD49c Rabbit mAb (A26152) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using Integrin alpha 3/CD49c Rabbit mAb (A26152) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.