

# Integrin- $\beta$ 1/CD29 Rabbit PolymAb®

Catalog No.: A22599

## Basic Information

### Observed MW

135kDa

### Calculated MW

88kDa

### Category

Primary antibody

### Applications

WB, IHC-P, IF/ICC, ELISA

### Cross-Reactivity

Human, Mouse

## 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.

## Recommended Dilutions

**WB** 1:2000 - 1:10000

**IHC-P** 1:500 - 1:1000

**IF/ICC** 1:50 - 1:200

**ELISA** Recommended starting concentration is 1  $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

3688

### Swiss Prot

P05556

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-728 of human Integrin- $\beta$ 1/CD29 Rabbit PolymAb® (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 -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.