

**Integrin alpha 2 Antibody**  
**Rabbit mAb**  
**Catalog # AP90785****Specification**

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**Integrin alpha 2 Antibody - Product Information**

Application	<b>WB, IHC, FC, ICC, IP</b>
Primary Accession	<a href="#">P17301</a>
Reactivity	<b>Rat</b>
Clonality	<b>Monoclonal</b>

**Other Names**

BR; CD 49b; CD49 antigen like family member B; Collagen receptor; GPIa; HPA5; ITGA2; Platelet glycoprotein GPIa; VLA 2 alpha chain;

Isotype	<b>Rabbit IgG</b>
Host	<b>Rabbit</b>
Calculated MW	<b>129295 Da</b>

**Integrin alpha 2 Antibody - Additional Information**

Purification	<b>Affinity-chromatography</b>
Immunogen	<b>A synthesized peptide derived from human Integrin alpha 2</b>
Description	<b>Integrin alpha-2/beta-1 is a receptor for laminin, collagen, collagen C-propeptides, fibronectin and E-cadherin. It recognizes the proline-hydroxylated sequence G-F-P-G-E-R in collagen. It is responsible for adhesion of platelets and other cells to collagens, modulation of collagen and collagenase gene expression, force generation and organization of newly synthesized extracellular matrix.</b>
Storage Condition and Buffer	<b>Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.</b>

**Integrin alpha 2 Antibody - Protein Information****Name** ITGA2**Synonyms** CD49B**Function**

Integrin alpha-2/beta-1 is a receptor for laminin, collagen, collagen C-propeptides, fibronectin and E-cadherin. It recognizes the proline-hydroxylated sequence G-F-P-G-E-R in collagen. It is responsible for adhesion of platelets and other cells to collagens, modulation of collagen and

collagenase gene expression, force generation and organization of newly synthesized extracellular matrix. (Microbial infection) Integrin ITGA2:ITGB1 acts as a receptor for Human echoviruses 1 and 8.

#### Cellular Location

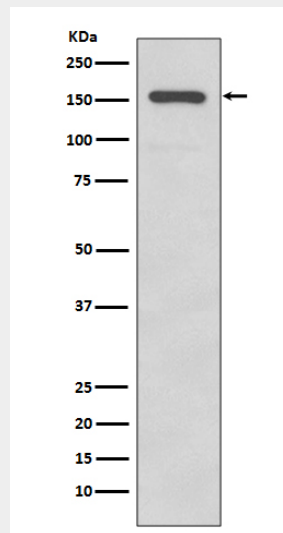
Membrane; Single-pass type I membrane protein.

#### Integrin alpha 2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### Integrin alpha 2 Antibody - Images



Western blot analysis of Integrin alpha 2 expression in A431 cell lysate.