

**ITGA2 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17907b****Specification**

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**ITGA2 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [P17301](#)**ITGA2 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 3673**Other Names**

Integrin alpha-2, CD49 antigen-like family member B, Collagen receptor, Platelet membrane glycoprotein Ia, GPIa, VLA-2 subunit alpha, CD49b, ITGA2, CD49B

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**ITGA2 Antibody (C-term) Blocking Peptide - 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.

**ITGA2 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **ITGA2 Antibody (C-term) Blocking Peptide - Images**

#### **ITGA2 Antibody (C-term) Blocking Peptide - Background**

This gene product belongs to the integrin alpha chain family. Integrins are heterodimeric integral membrane glycoproteins composed of a distinct alpha chain and a common beta chain. They are found on a wide variety of cell types including, T cells, fibroblasts and platelets. Integrins are involved in cell adhesion and also participate in cell-surface mediated signalling. [provided by RefSeq].

#### **ITGA2 Antibody (C-term) Blocking Peptide - References**

Nie, Y.M., et al. Transfus Med 20(6):376-382(2010) Motovska, Z., et al. Atherosclerosis 212(2):548-552(2010) Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Hozumi, K., et al. FEBS Lett. 584(15):3381-3385(2010) Wang, Y., et al. Diabet. Med. 27(4):376-383(2010)