

**ITGA2 Antibody - C-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI15087****Specification**

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**ITGA2 Antibody - C-terminal region - Product Information**

Application	IF, WB
Primary Accession	<a href="#">P17301</a>
Other Accession	<a href="#">NM_002203</a> , <a href="#">NP_002194</a>
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	126kDa KDa

**ITGA2 Antibody - C-terminal region - Additional Information****Gene ID** 3673**Alias Symbol** BR, CD49B, GPIa, VLA-2, VLAA2, BDPLT9**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**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-ITGA2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

ITGA2 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**ITGA2 Antibody - C-terminal region - 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

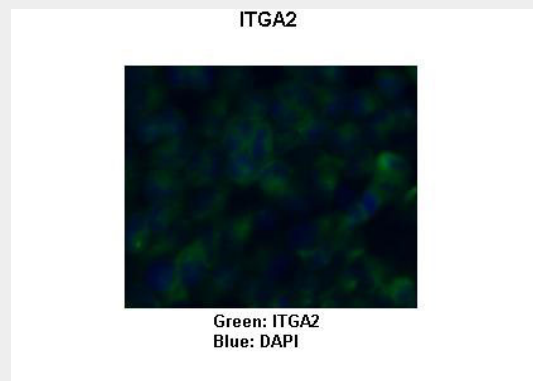
Membrane; Single-pass type I membrane protein.

#### ITGA2 Antibody - C-terminal region - 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](#)

#### ITGA2 Antibody - C-terminal region - Images



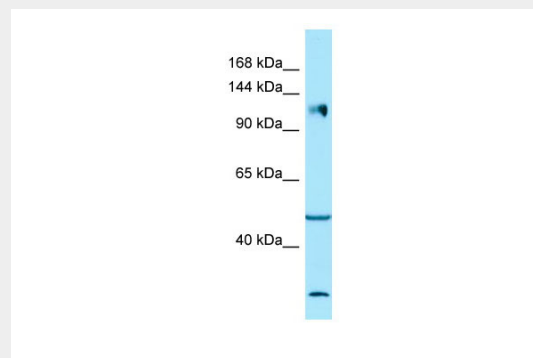
Sample Type : HeLa cells

Primary Antibody Dilution : 1:150

Secondary Antibody : Goat anti-rabbit-Alexa Fluor 488 Secondary Antibody Dilution : 1:800

Color/Signal Descriptions : Green: ITGA2Blue: DAPI

Gene Name : ITGA2 Submitted by : COCOLA Cinzia, Stem Cell Biology and Cancer Research Unit



WB Suggested Anti-ITGA2 Antibody Titration: 1.0 µg/ml

Positive Control: HT1080 Whole CellITGA2 is supported by BioGPS gene expression data to be expressed in HT1080

**ITGA2 Antibody - C-terminal region - References**

- Takada Y.,et al.J. Cell Biol. 109:397-407(1989).  
Schmutz J.,et al.Nature 431:268-274(2004).  
Zutter M.M.,et al.J. Biol. Chem. 269:463-469(1994).  
Bergelson J.M.,et al.J. Virol. 67:6847-6852(1993).  
Graham K.L.,et al.J. Virol. 77:9969-9978(2003).