

ITGA2 Antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI15087

Product Information

Application	WB, IF
Primary Accession	P17301
Other Accession	NM_002203 , NP_002194
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	129296

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.

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.

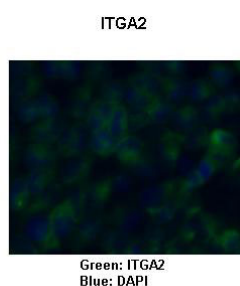
Cellular Location

Membrane; Single-pass type I membrane protein.

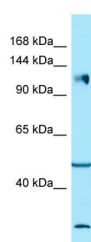
References

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).

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.