

Anti-Integrin alpha 2 ITGA2 Rabbit Monoclonal Antibody

Catalog # ABO14227

Product Information

Application	WB, IHC, IF, ICC, IP, FC
Primary Accession	P17301
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Integrin alpha 2 ITGA2 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

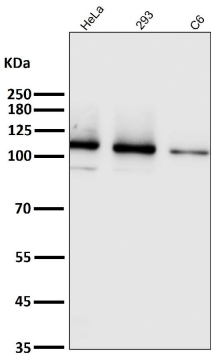
Additional Information

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
Calculated MW	129296
Application Details	WB 1:1000-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 IP 1:100 FC 1:100
Subcellular Localization	Membrane; Single-pass type I membrane protein.
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: GEB-9
Immunogen	A synthesized peptide derived from human Integrin alpha 2
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

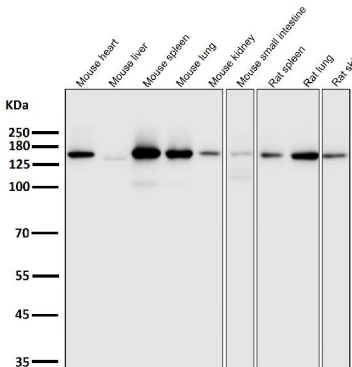
Protein Information

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.

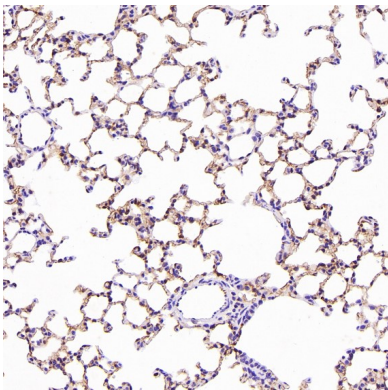
Images



All lanes use the Antibody at 1:3W dilution for 1 hour at room temperature.

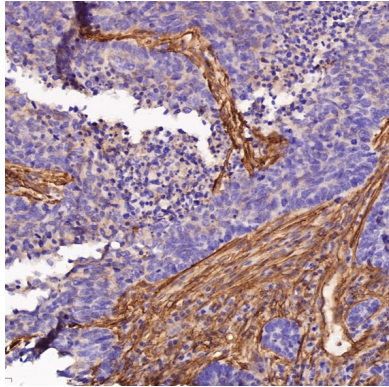
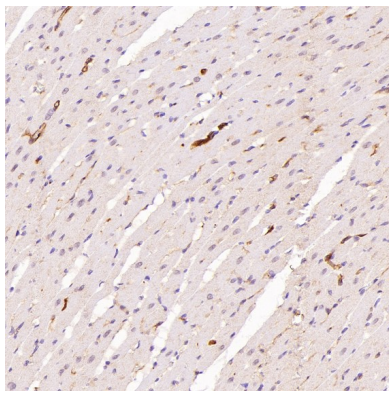


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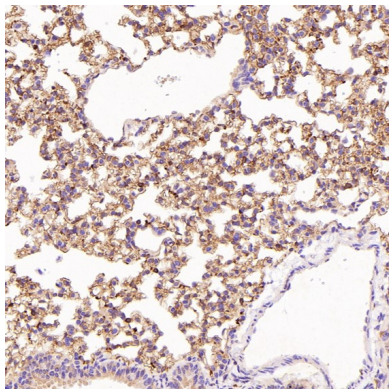


Immunohistochemical analysis of paraffin-embedded Rat liver, using the Antibody at 1:200 dilution.

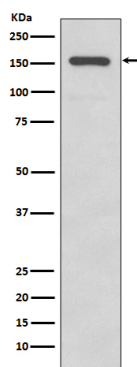
Immunohistochemical analysis of paraffin-embedded Rat heart, using the Antibody at 1:200 dilution.



Immunohistochemical analysis of paraffin-embedded Human lung large cell cancer, using the Antibody at 1:500 dilution.

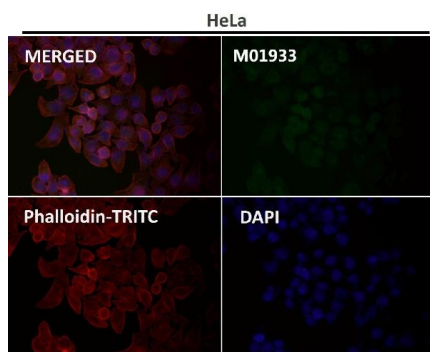


Immunohistochemical analysis of paraffin-embedded Mouse lung, using the Antibody at 1:200 dilution.



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

Immunofluorescent analysis using the Antibody at 1:50 dilution.



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