

Product Name: Integrin alpha 2 Rabbit Monoclonal Antibody
Catalog #: AMRe85711

Summary

Production Name	Integrin alpha 2 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	Integrin alpha 2
Alternative Names	ITGA2; CD49B; Integrin alpha-2; CD49 antigen-like family member B; Collagen receptor; Platelet membrane glycoprotein Ia; GPIa; VLA-2 subunit alpha; CD49b
Gene ID	3673.0
SwissProt ID	P17301. A synthetic peptide of human Integrin alpha 2

Application

Dilution Ratio	WB:1:500-1:1000
Molecular Weight	Calculated MW: 129 kDa; Observed MW: 150 kDa

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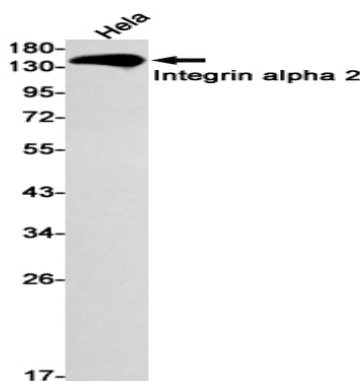
Background

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.

Research Area

PI3K-Akt signaling pathway

Image Data



Western blot analysis of Integrin alpha 2 in HeLa lysates using Integrin alpha 2 antibody.

Note

For research use only.