

Product Name: Integrin alpha 2 Rabbit Monoclonal Antibody
Catalog #: AMRe02163

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	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Immunogen

Gene Name	ITGA2
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
SwissProt ID	P17301.

Application

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

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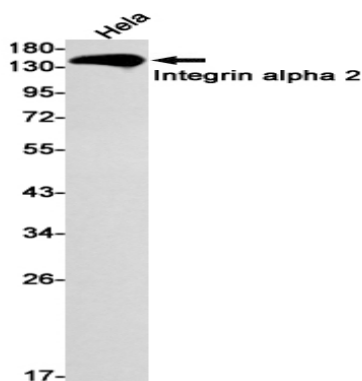
Background

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

Signal Transduction

Image Data



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

Note

For research use only.