

Product Datasheet

Integrin alpha 2 Antibody

Catalog No: CY5784

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF IP FC



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Information

UniProt ID: P17301

All Names: BR; CD 49b; CD49 antigen like family member B; Collagen receptor; GPIa; HPA5; ITGA2; Platelet glycoprotein GPIa; VLA 2 alpha chain;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 150 kDa

Application

WB 1:1000~1:2000

IHC 1:50~1:200

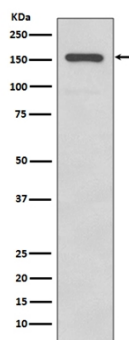
ICC/IF 1:50~1:200

IP 1:100

FC 1:100

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.



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

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