

Product Datasheet

Integrin alpha 5 Antibody

Catalog No: CY5979

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF IP FC



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Information

UniProt ID: P08648

All Names: Integrin alpha-5; CD49 antigen-like family member E; Fibronectin receptor subunit alpha; Integrin alpha-F; VLA-5; CD49e; Integrin alpha-5 light chain; ITGA5; FNRA;

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.: 19,150 kDa

Application

WB 1:1000~1:2000

IHC 1:50~1:200

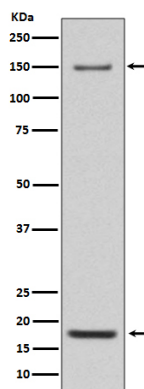
ICC/IF 1:50~1:200

IP 1:50

FC 1:50

Background

Integrin alpha-5/beta-1 is a receptor for fibronectin and fibrinogen. It recognizes the sequence R-G-D in its ligands. ITGA5:ITGB1 binds to PLA2G2A via a site (site 2) which is distinct from the classical ligand-binding site (site 1) and this induces integrin conformational changes and enhanced ligand binding to site 1. ITGA5:ITGB1 acts as a receptor for fibrillin-1 (FBN1) and mediates R-G-D-dependent cell adhesion to FBN1.



Western blot analysis of Integrin alpha 5 expression in Mouse heart lysate.

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