10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-CD49b-Biotin-labled

Catalog # AP101113

Product Information

Application	FC, IF/IC
Primary Accession	Q62469
Reactivity	Mouse
Clonality	Monoclonal
Calculated MW	128955

Additional Information

Gene ID	16398
Other Names	CD49B; Integrin alpha-2; CD49 antigen-like family member B; Collagen receptor; Platelet membrane glycoprotein Ia; GPIa; VLA-2 subunit alpha; CD49b
Target/Specificity	Recognizes mouse CD49b
Dilution	FC~~1:10~50 IF/IC~~N/A
Format	Rat IgM kappa. Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	Itga2
Function	Integrin alpha-2/beta-1 is a collagen receptor, being 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. It is also a receptor for laminins, collagen C-propeptides and E- cadherin. Mice homozygous for a null mutation in the alpha-2 die very early in embryogenesis.
Cellular Location	Membrane; Single-pass type I membrane protein.

Background

Biotin-labled rat monoclonal antibody to CD49b

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