

Integrin beta-1/CD29 Conjugated Antibody

Catalog No: #C48565

Package Size: #C48565-Conjugated 50ul

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Description

Product Name	Integrin beta-1/CD29 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB, IF, FC
Species Reactivity	Hu, Ms
Immunogen Description	peptide
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	beta1 integrin antibody CD29 antibody Fibronectin receptor subunit beta antibody FNRB antibody Glycoprotein IIa antibody GP IIa antibody GPIIa antibody Integrin beta-1 antibody integrin VLA-4 beta subunit antibody Integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12) antibody ITB1_HUMAN antibody ITGB1 antibody MDF2 antibody MSK12 antibody OTTHUMP00000019420 antibody Very late activation protein, beta polypeptide antibody VLA BETA antibody VLA-4 subunit beta antibody VLA-BETA antibody VLAB antibody VLABeta antibody
Accession No.	Swiss-Prot#:P05556
Calculated MW	100~140 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

WB: 1:50-1:200

IF: 1:50-1:200

FC: 1:50-1:200

Background

Integrins are transmembrane receptors that mediate the attachment between a cell and its surroundings, such as other cells or the extracellular matrix (ECM). Integrins are obligate heterodimers containing two distinct chains, called the α (alpha) and β (beta) subunits. The molecular mass of the integrin subunits can vary from 90?kDa to 160?kDa. Beta subunits have four cysteine-rich repeated sequences. Both α and β subunits bind several divalent cations. Integrins have two main functions: Attachment of the cell to the ECM and signal transduction from the ECM to the cell. However, they are also involved in a wide range of other biological activities, including immune patrolling, cell migration, and binding to cells by certain viruses, such as adenovirus, echovirus, hantavirus, and foot and mouth disease viruses. Research studies have implicated β 1 integrin in various activities including embryonic development, blood vessel, skin, bone, and muscle formation, as well as tumor metastasis and angiogenesis.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.