

Integrin Alpha V + Beta 3 Antibody PE Conjugated

Catalog No: #C02329P

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Description

Product Name	Integrin Alpha V + Beta 3 Antibody PE Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	FCM
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human Integrin Alpha V + Beta 3
Conjugates	PE
Target Name	Integrin Alpha V + Beta 3
Other Names	CD51; MSK8; VNRA; VTNR; Integrin alpha-V; Vitronectin receptor subunit alpha; ITGAV; CD61; GP3A; BDPLT2; GPIIIa; BDPLT16; Integrin beta-3; Platelet membrane glycoprotein IIIa; ITGB3
Accession No.	Swiss-Prot#P05106, P06756NCBI Gene ID3690, 3685
Uniprot	P05106
GeneID	3690;
Excitation Emission	480,565nm 578nm
Cell Localization	Extracellular
Concentration	1mg ml
Formulation	10mM Tris Buffered Saline containing 1% BSA, 50% glycerol and 0.09% sodium azide.
Storage	Store at 4C for 12 months.

Application Details

FCM: 1:20-100

Background

ITAGV encodes integrin alpha chain V. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. The I-domain containing integrin alpha V undergoes post-translational cleavage to yield disulfide-linked heavy and light chains, that combine with multiple integrin beta chains to form different integrins. Among the known associating beta chains (beta chains 1,3,5,6, and 8; 'ITGB1', 'ITGB3', 'ITGB5', 'ITGB6', and 'ITGB8'), each can interact with extracellular matrix ligands; the alpha V beta 3 integrin, perhaps the most studied of these, is referred to as the Vitronectin receptor (VNR). In addition to adhesion, many integrins are known to facilitate signal transduction. The ITGB3 protein product is the integrin beta chain beta 3. Integrins are integral cell-surface proteins composed of an alpha chain and a beta chain. A given chain may combine with multiple partners resulting in different integrins. Integrin beta 3 is found along with the alpha IIb chain in platelets. Integrins are known to participate in cell adhesion as well as cell-surface mediated signalling.

Note: This product is for in vitro research use only