

Integrin alpha 4 CD49d Antibody PE Conjugated

Catalog No: #C00368P

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Description

Product Name	Integrin alpha 4 CD49d Antibody PE Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 584-609 1032 derived from human Integrin alpha 4
Conjugates	PE
Target Name	Integrin alpha 4 CD49d
Other Names	IA4; CD49D; Integrin alpha-4; CD49 antigen-like family member D; Integrin alpha-IV; VLA-4 subunit alpha; ITGA4
Accession No.	Swiss-Prot#P13612NCBI Gene ID3676
Uniprot	P13612
GeneID	3676;
Excitation Emission	480,565nm 578nm
Cell Localization	Extracellular
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

Flow-Cyt=1:50-200

Background

Integrins alpha-4 beta-1 (VLA-4) and alpha-4 beta-7 are receptors for fibronectin. They recognize one or more domains within the alternatively spliced CS-1 and CS-5 regions of fibronectin. They are also receptors for VCAM1. Integrin alpha-4 beta-1 recognizes the sequence Q-I-D-S in VCAM1. Integrin alpha-4 beta-7 is also a receptor for MADCAM1. It recognizes the sequence L-D-T in MADCAM1. On activated endothelial cells integrin VLA-4 triggers homotypic aggregation for most VLA-4-positive leukocyte cell lines. It may also participate in cytolytic T-cell interactions with target cells.

Note: This product is for in vitro research use only