

## PE anti-human CD49d

Catalog No: #26748

Package Size: #26748-1 25 tests #26748-2 50 tests

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## Description

Product Name	PE anti-human CD49d
Host Species	Mouse
Clonality	Monoclonal
Applications	FC
Species Reactivity	Human
Immunogen Type	Mouse IgG1
Conjugates	PE
Formulation	Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide and 0.2% (w/v) BSA
Storage	Store at 4°C.DO NOT FREEZE. LIGHT SENSITIVE MATERIAL.

## Application Details

10 µl/test

## Background

The antibody reacts with  $\alpha$ -4 integrin chain, which is expressed as a heterodimer with either of  $\beta$ 1 (CD29) or  $\beta$ 7. The  $\alpha$ 4 $\beta$ 1 integrin (VLA-4) is present on lymphocytes, monocytes, thymocytes, NK cells, dendritic cells, erythroblastic precursor but absent on normal red blood cells, platelets and neutrophils. The  $\alpha$ 4 $\beta$ 1 integrin mediated binding to VCAM-1 (CD106) and the CS-1 region of fibronectin. CD49d is involved in multiple inflammatory responses through the regulation of lymphocyte migration and T cell activation; CD49d also is essential for the differentiation and traffic of hematopoietic stem cells. This clone is cross reactive with non-human primate. \* Relevant to tumor progression and metastasis.

Note: This product is for in vitro research use only