



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Integrin alpha 4 antibody [9F10] (APC)

**Cat No. GTX01494-07**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Application</b>	FACS
<b>Reactivity</b>	Human

Reference ( 1 )

Package

100 test

## PRODUCT

## Summary

The 9F10 monoclonal antibody reacts with human CD49d, a 150kD integral membrane protein that is also known as integrin  $\alpha$ 4 (ITGA4). Together with integrin  $\beta$ 1 (CD29), CD49d forms the VLA-4 heterodimer that serves as a receptor for fibronectin and VCAM-1. VLA-4 is widely expressed on lymphocytes, monocytes, thymocytes, and NK cells. CD49d can also dimerize with integrin  $\beta$ 7 to form a receptor that binds the mucosal vascular addressin molecule, MadCAM-1. CD49d is involved in cellular adhesion to other cells as well as extracellular matrix.

## APPLICATION

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Dilution
FACS	0.25 $\mu$ g (5 $\mu$ l) for $10^5$ - $10^8$ cells in 100 $\mu$ l sample per test

Not tested in other applications.

**Calculated MW** 115 kDa. ( [Note](#) )

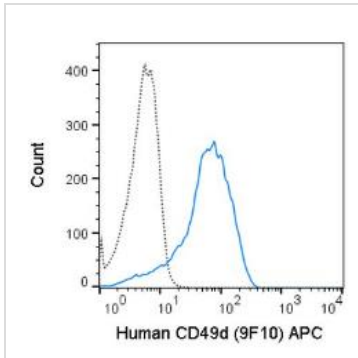
## PROPERTIES

<b>Form</b>	Liquid
<b>Buffer</b>	10 mM NaH <sub>2</sub> PO <sub>4</sub> (pH 7.2), 150 mM NaCl, 0.09% sodium azide, 0.1% gelatin
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE. Protect from light.
<b>Concentration</b>	0.05 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Purification</b>	Purified by affinity chromatography From tissue culture supernatant
<b>Conjugation</b>	Allophycocyanin (APC)
<b>Note</b>	For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



For full product information, images and publications, please visit our [website](#).

## DATA IMAGES

**GTX01494-07 FACS Image**

FACS analysis of human peripheral blood lymphocytes using GTX01494-07 Integrin alpha 4 antibody [9F10] (APC).

Solid line : primary antibody

Dashed line : isotype control

antibody amount : 0.25  $\mu$ g (5  $\mu$ l)



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