

# Integrin alpha 4 antibody [R1-2] (PerCP-Cy5.5)

**Cat. No. GTX01513-11**

<b>Host</b>	Rat
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2b
<b>Applications</b>	FCM
<b>Reactivity</b>	Mouse

[References \( 2 \)](#)
[Package](#)

100 µg

## PRODUCT

### Summary

The R1-2 monoclonal antibody reacts with mouse CD49d, a 150kD glycoprotein member of the integrin  $\alpha$ family. CD49d is also known as integrin  $\alpha$ alpha4 (ITGA4). Together with integrin  $\alpha$ beta1 (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 dimerize with integrin  $\alpha$ beta7 to form a receptor that binds the mucosal vascular addressin molecule, MAdCAM-1.

## Applications

### Application Note

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

Suggested dilution	Recommended dilution
FCM	Assay dependent

Not tested in other applications.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	10mM NaH <sub>2</sub> PO <sub>4</sub> , 150mM NaCl, 0.1% Gelatin
<b>Preservative</b>	0.09% Sodium azide
<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>	0.2 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>	Peridinin-chlorophyll proteins-Cyanine5.5 (PerCP-Cy5.5) <a href="#">Wavelength</a>

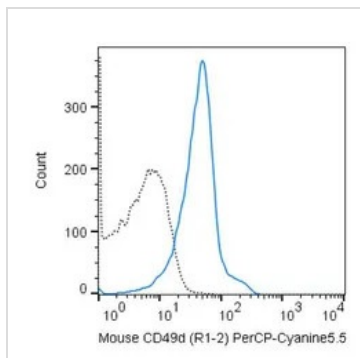
### Note

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**DATA IMAGES**

**GTX01513-11 FCM Image**

FACS analysis of mouse C57Bl/6 splenocytes using GTX01513-11 Integrin alpha 4 antibody [R1-2] (PerCP-Cy5.5).

Solid line : primary antibody

Dashed line : isotype control

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



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