

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

Cat. No. GTX01513-11

Host	Rat
Clonality	Monoclonal
Isotype	IgG2b
Applications	FCM
Reactivity	Mouse

References (2)
 Package
 100 µg

PRODUCT

Summary

The R1-2 monoclonal antibody reacts with mouse CD49d, a 150kD glycoprotein member of the integrin α family. CD49d is also known as integrin α 4 (ITGA4). Together with integrin β 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 dimerize with integrin β 7 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

Form	Liquid
Buffer	10mM NaH ₂ PO ₄ , 150mM NaCl, 0.1% Gelatin
Preservative	0.09% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE. Protect from light.
Concentration	0.2 mg/ml (Please refer to the vial label for the specific concentration.)

Purification
 Purified by affinity chromatography
 From tissue culture supernatant

Conjugation
 Peridinin-chlorophyll proteins-Cyanine5.5 (PerCP-Cy5.5) [Wavelength](#)

Note

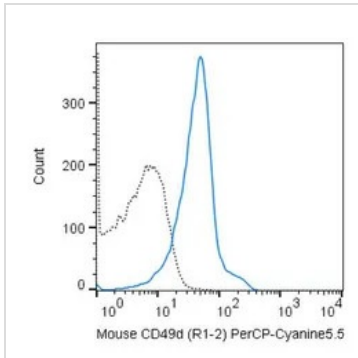
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DATA IMAGES

**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 μ g (5 μ l)



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