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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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

Cat No. GTX01513-11

| | |
|--------------------|------------|
| Host | Rat |
| Clonality | Monoclonal |
| Isotype | IgG2b |
| Application | FACS |
| Reactivity | Mouse |

Reference (1)

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.

APPLICATION

Application Note

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

| Suggested dilution | Dilution |
|--------------------|-----------------|
| FACS | Assay dependent |

Not tested in other applications.

Calculated MW 116 kDa. ([Note](#))

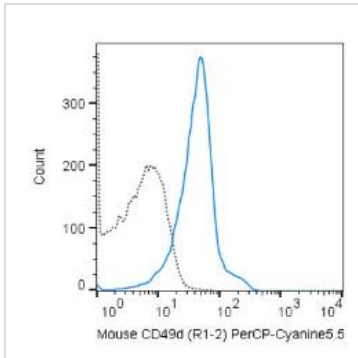
PROPERTIES

| | |
|----------------------|--|
| Form | Liquid |
| Buffer | 10 mM NaH ₂ PO ₄ (pH 7.2), 150 mM NaCl, 0.09% sodium azide, 0.1% gelatin |
| 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) |
| Note | 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

**GTX01513-11 FACS 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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