



# 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 + beta 7 antibody [DATK32] (Biotin)

Cat No. GTX01493-02

|                    |            |
|--------------------|------------|
| <b>Host</b>        | Rat        |
| <b>Clonality</b>   | Monoclonal |
| <b>Isotype</b>     | IgG2a      |
| <b>Application</b> | FACS       |
| <b>Reactivity</b>  | Mouse      |

Reference ( 3 )  
 Package  
 100 µg

## PRODUCT

## Summary

The DATK32 antibody is specific for a combinatorial epitope of the mouse integrin  $\alpha$ 4/ $\beta$ 7 (LPAM-1) heterodimer. LPAM-1 is expressed on most mature lymphocytes and sub-populations of thymocytes and bone marrow cells. It is involved in lymphocyte adhesion and migration and is a receptor for several extracellular matrix proteins including VCAM-1, fibronectin, and MAdCAM-1. DATK32 is reported to induce LPAM-1 dependent lymphocyte aggregation and block adhesion to VCAM-1, fibronectin, and 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.

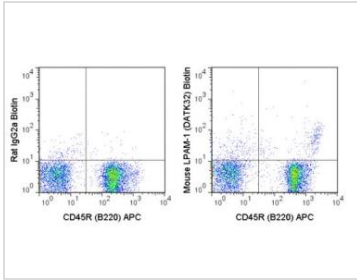
## PROPERTIES

|                      |  |
|----------------------|--|
| <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> | 0.5 mg/ml (Please refer to the vial label for the specific concentration.)   |
| <b>Purification</b>  | Purified by affinity chromatography<br>From tissue culture supernatant   |
| <b>Conjugation</b>   | Biotin   |
| <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

**GTX01493-02 FACS Image**

FACS analysis of mouse C57Bl/6 bone marrow cells using GTX01493-02 Integrin alpha 4 + beta 7 antibody [DATK32] (Biotin).

Right panel : co-stained with Integrin alpha 4 + beta 7 antibody [DATK32] (Biotin) and Mouse CD45R antibody (APC)

Left panel : co-stained with isotype control and Mouse CD45R antibody (APC)  
antibody amount : 0.25  $\mu\text{g}$  (5  $\mu\text{l}$ )



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