

## 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>Applications</b>	FCM
<b>Reactivity</b>	Mouse

References ( 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.

## 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<sub>2</sub>PO<sub>4</sub>, 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** 0.5 mg/ml (Please refer to the vial label for the specific concentration.)

**Purification** Purified by affinity chromatography  
From tissue culture supernatant

**Conjugation** Biotin

## Note

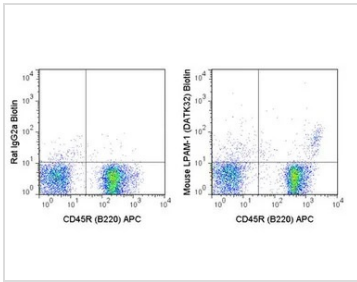
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## DATA IMAGES

**GTX01493-02 FCM 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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