

Integrin alpha 4 + beta 7 antibody [DATK32] (APC)

Cat. No. GTX01493-07

Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Applications	FCM
Reactivity	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.
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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
Allophycocyanin (APC) [Wavelength](#)

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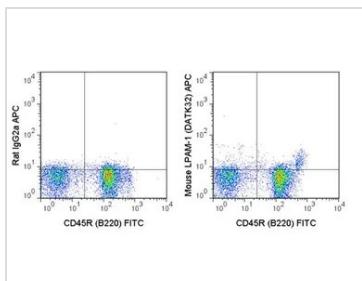
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DATA IMAGES



GTx01493-07 FCM Image

FACS analysis of mouse C57Bl/6 bone marrow cells using GTx01493-07 Integrin alpha 4 + beta 7 antibody [DATK32] (APC).

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

Left panel : co-stained with isotype control and Mouse CD45R antibody (FITC)
antibody amount : 0.25 µg (5 µl)



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