

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 α 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 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

Note

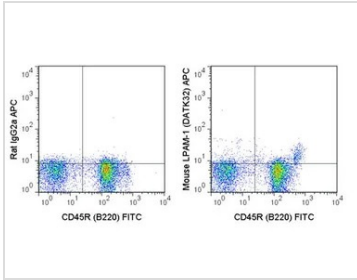
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



For full product information, images and publications, please visit our [website](#).

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 μ g (5 μ l)



For full product information, images and publications, please visit our [website](#).