

## Integrin alpha 2 antibody [HMa2] (APC)

Cat. No. GTX01474-07

Host	Armenian Hamster
Clonality	Monoclonal
Isotype	IgG
Applications	FCM
Reactivity	Mouse

References ( 4 )

Package

100 µg

## PRODUCT

## Summary

The HMa2 antibody reacts with mouse CD49b, a 150 kDa glycoprotein member of the integrin  $\alpha$  family. CD49b, also known as integrin  $\alpha$ 2, associates non-covalently with CD29 (integrin  $\beta$ 1) to form the VLA-2 heterodimer. VLA-2 integrin  $\alpha$  function as cellular receptors for collagen and laminin. CD49b is expressed by platelets, intestinal epithelial cells, NK cells, epithelial cells, and a subset of CD4+ T cells. CD49b plays an essential role in mediating the adhesion of cells to the extracellular matrix.

## 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	0.2 mg/ml (Please refer to the vial label for the specific concentration.)
Purification	Purified by affinity chromatography From tissue culture supernatant
Conjugation	Allophycocyanin (APC) <a href="#">Wavelength</a>

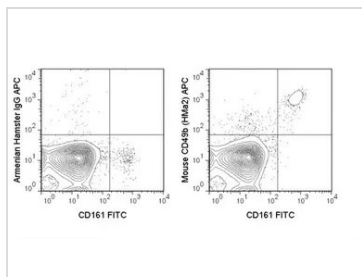
## Note

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**DATA IMAGES**

**GTX01474-07 FCM Image**

FACS analysis of mouse C57Bl/6 splenocytes using GTX01474-07 Integrin alpha 2 antibody [HMa2] (APC).

Right panel : co-stained with Integrin alpha 2 antibody [HMa2] (APC) and Mouse NK1.1 antibody (FITC)

Left panel : co-stained with isotype control and Mouse NK1.1 antibody (FITC)

antibody amount : 0.125 µg (5 µl)



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