

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

Cat. No. GTX01474-08

**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 of 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** Phycoerythrin (PE) [Wavelength](#)

## Note

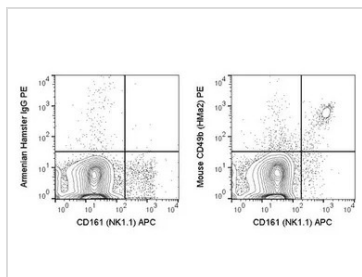
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## DATA IMAGES

**GTX01474-08 FCM Image**

FACS analysis of mouse C57Bl/6 splenocytes using GTX01474-08 Integrin alpha 2 antibody [HMa2] (PE).

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

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

antibody amount : 0.25 µg (5 µl)



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