



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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

Cat No. GTX01474-02

**Host** Armenian Hamster**Clonality** Monoclonal**Isotype** IgG**Application** FACS**Reactivity** Mouse

Reference ( 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.

## APPLICATION

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

## Suggested dilution

## Dilution

FACS

Assay dependent

Not tested in other applications.

## Calculated MW

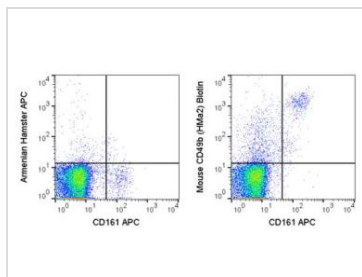
129 kDa. ( [Note](#) )

## PROPERTIES

**Form** Liquid**Buffer** 10 mM NaH<sub>2</sub>PO<sub>4</sub> (pH 7.2), 150 mM NaCl, 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** For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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

## DATA IMAGES

**GTX01474-02 FACS Image**

FACS analysis of mouse C57Bl/6 splenocytes using GTX01474-02 Integrin alpha 2 antibody [HMa2] (Biotin).

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

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

antibody amount : 0.03  $\mu$ g (5  $\mu$ l)



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