

## Product datasheet for AM08156RP-N

## OriGene Technologies, Inc.

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## CD49b (ITGA2) Mouse Monoclonal Antibody [Clone ID: HAS-4]

## **Product data:**

**Product Type: Primary Antibodies** 

Clone Name: HAS-4

FC **Applications:** 

**Recommended Dilution:** Flow Cytometry: Identification and enumeration of CD49b+ cells (10 μL/10e6 cells).

Reactivity: Human Mouse Host: Isotype: IgG2a

Clonality: Monoclonal

Specificity: This antibody recognizes CD49b (Mr 200-210 kDa).

Formulation: PBS containing 0.09% Sodium Azide as preservative and a stabilizing agent.

Label: PE

State: Liquid purified Ig fraction.

Label: R-Phycoerythrin

PΕ Conjugation:

Storage: Store the antibody undiluted at 2-8°C.

DO NOT FREEZE!

This product is photosensitive and should be protected from light.

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

Gene Name: integrin subunit alpha 2 Database Link: Entrez Gene 3673 Human

P17301

Background: CD49b, a member of the integrin family of extracellular matrix and cell adhesion molecules, is

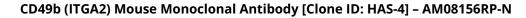
> the integrin alpha-2 chain. CD49b associates noncovalently with CD29, the integrin beta-1 subunit, to form the heterodimer integrin a2b1 that binds laminin and collagen. It is

expressed on B and T lymphocytes, NK cells, monocytes, platelets, fibroblasts and long-term

cultured T cells. CD49b/CD29 mediates the Mg++ dependent adhesion of platelets to collagen. It may also be utilized by fibroblasts for the reorganization of the collagen matrix

during would healing.







Synonyms:

Integrin alpha-2, ITGA-2, VLA-2 alpha, VLA2, GPIa, Collagen Receptor