

## Mouse anti-Rat CD49d Monoclonal Antibody | anti-CD49d antibody

CD49d (Antigen CD49d, CD49d Antigen, CDw49d, Alpha 4 Subunit of VLA-4 Receptor, Integrin alpha IV, Integrin alpha 4, IA4, ITGA4, LPAM23, MGC90518, Very Late Activation Protein 4 Receptor Alpha 4 Subunit, VLA4, VLA-4) (Biotin)

| CATALOG #       | HOST         | REACTIVITY | APPLICATIONS                                                 |
|-----------------|--------------|------------|--------------------------------------------------------------|
| <b>AAA26735</b> | <b>Mouse</b> | <b>Rat</b> | <b>Flow Cytometry, Functional Assay, Immunoprecipitation</b> |

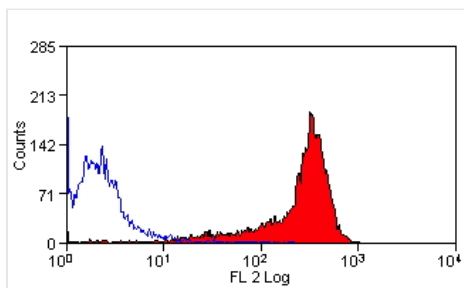
### PRODUCT SYNONYMS

CD49d; Monoclonal Antibody; CD49d (Antigen CD49d; CD49d Antigen; CDw49d; Alpha 4 Subunit of VLA-4 Receptor; Integrin alpha IV; Integrin alpha 4; IA4; ITGA4; LPAM23; MGC90518; Very Late Activation Protein 4 Receptor Alpha 4 Subunit; VLA4; VLA-4) (Biotin); anti-CD49d antibody

### PRODUCT SPECIFICATIONS

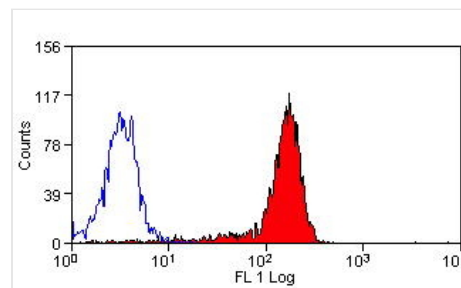
|                                                        |                                                                                                                                                                              |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Host</b>                                            | Mouse                                                                                                                                                                        |
| <b>Reactivity</b>                                      | Rat                                                                                                                                                                          |
| <b>Clonality</b>                                       | Monoclonal                                                                                                                                                                   |
| <b>Isotype</b>                                         | IgG2a                                                                                                                                                                        |
| <b>Clone Number</b>                                    | 9F88                                                                                                                                                                         |
| <b>Specificity</b>                                     | Recognizes rat CD49d, a 150kDa type-1 transmembrane glycoprotein and member of the integrin alpha chain family, which acts as a receptor for fibronectin and CD106 (VCAM-1). |
| <b>Purity/Purification</b>                             | Purified by Protein G Affinity Chromatography                                                                                                                                |
| <b>Form/Format</b>                                     | Supplied as a liquid in PBS, pH 7.2. Labeled with Biotin.                                                                                                                    |
| <b>Applicable Applications for anti-CD49d antibody</b> | FCM/FACS (Flow Cytometry), IP (Immunoprecipitation)                                                                                                                          |
| <b>Immunogen</b>                                       | RBL-2H3 rat basophilic leukemia cell line.                                                                                                                                   |
| <b>Conjugate</b>                                       | Biotin                                                                                                                                                                       |
| <b>Preparation and Storage</b>                         | Store at -20 degree C.                                                                                                                                                       |

### IMAGES



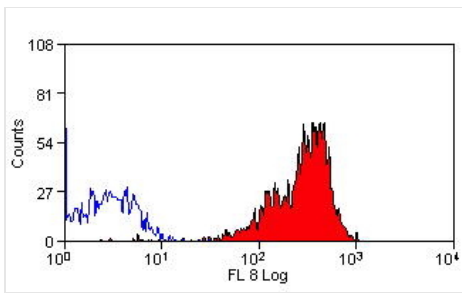
#### Application Data

Staining of Rat peripheral blood lymphocytes with Mouse anti Rat CD49d:RPE (MCA2872PE)



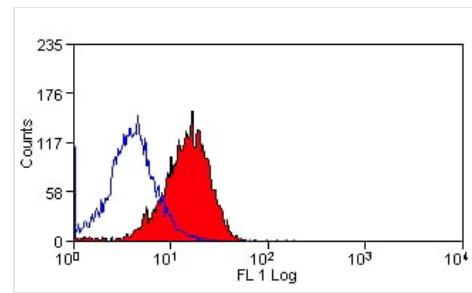
#### Application Data

Staining of Rat peripheral blood lymphocytes with Mouse anti Rat CD49d : Alexa Fluor 488 (MCA2872A488)



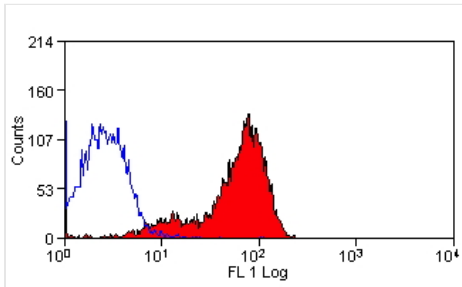
#### Application Data

Staining of Rat peripheral blood lymphocytes with Mouse anti Rat CD49d : Alexa Fluor&reg; 647 (MCA2872A647)



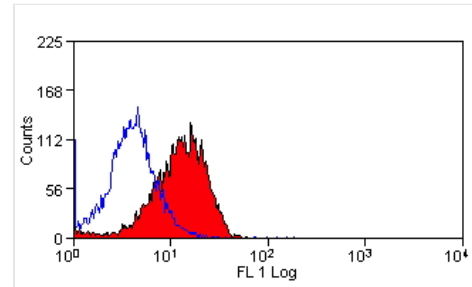
#### Application Data

Staining of Rat peripheral blood lymphocytes with Mouse anti Rat CD49d (MCA2872)



#### Application Data

Staining of Rat peripheral blood lymphocytes with Mouse anti Rat CD49d:FITC (MCA2872F)



#### Application Data

Staining of Rat peripheral blood lymphocytes with Mouse anti Rat CD49d (MCA2872GA)

## ADDITIONAL INFORMATION

Product Categories/Family for anti-  
CD49d antibody

Antibodies; CD Markers

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd49d-antibody-clone-9f88-flow-cytometry-immunoprecipitation-elisa/26735>