Human/Mouse/Bovine Integrin α6/CD49f Alexa Fluor® 488-conjugated Antibody

Monoclonal Rat IgG_{2A} Clone # GoH3

Catalog Number: FAB13501G

100 TESTS

DESCRIPTION

Species Reactivity	Human/Mouse/Bovine
Specificity	Detects human, mouse, and bovine Integrin α6/CD49f. Recognizes an epitope in the extracellular domain of the Integrin α6 subunit.
Source	Monoclonal Rat IgG_{2A} Clone # GoH3
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse mammary tumor cells
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

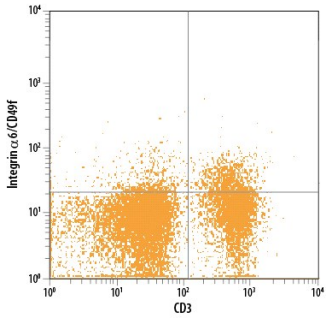
APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

	Recommended Concentration	Sample
Flow Cytometry	5 µL/10^6 cells	See Below

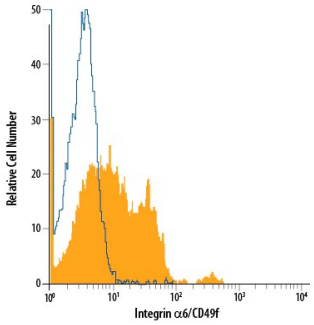
DATA

Flow Cytometry



Detection of Integrin α6/CD49f in Mouse Splenocytes by Flow Cytometry. Mouse splenocytes were stained with Rat Anti-Human/Mouse/Bovine Integrin α6/CD49f Alexa Fluor® 488-conjugated Monoclonal Antibody (Catalog # FAB13501G) and Rat Anti-Mouse CD3 APC-conjugated Monoclonal Antibody (Catalog # FAB4841A). Quadrant markers were set based on control antibody staining (Catalog # IC006G). View our protocol for Staining Membrane-associated Proteins.

Flow Cytometry



Detection of Integrin α6/CD49f in Human Blood Lymphocytes by Flow Cytometry. Human peripheral blood lymphocytes were stained with Rat Anti-Human/Mouse/Bovine Integrin α6/CD49f Alexa Fluor® 488-conjugated Monoclonal Antibody (Catalog # FAB13501G, filled histogram) or isotype control antibody (Catalog # IC006G, open histogram). View our protocol for Staining Membrane-associated Proteins.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	**Protect from light. Do not freeze.** ● 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

The Integrin α6 subunit, also known as CD49f and VLA-6 α subunit, forms a heterodimer with Integrin β1 (CD29) or β4 (CD104) subunits and recognizes laminin as a ligand.

PRODUCT SPECIFIC NOTICES

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