

Human/Mouse/Bovine Integrin $\alpha 6$ /CD49f Alexa Fluor® 647-conjugated Antibody

Monoclonal Rat IgG_{2A} Clone # GoH3

Catalog Number: FAB13501R
100 μ g

DESCRIPTION

Species Reactivity	Human/Mouse/Bovine
Specificity	Detects human, mouse, and bovine Integrin $\alpha 6$ /CD49f. Recognizes an epitope in the extracellular domain of the Integrin $\alpha 6$ 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 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2 mg/mL 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	0.25-1 μ g/10 ⁶ cells	Human peripheral blood mononuclear cells

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. <ul style="list-style-type: none"> 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

The Integrin $\alpha 6$ subunit, also known as CD49f and VLA-6 α subunit, forms a heterodimer with Integrin $\beta 1$ (CD29) or $\beta 4$ (CD104) subunits and recognizes laminin as a ligand.

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