

Mouse Integrin α 4/CD49d Alexa Fluor® 700-conjugated Antibody

Monoclonal Rat IgG_{2A} Clone # 265329

Catalog Number: FAB2450N
100 µg

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Integrin α 4/CD49d.
Source	Monoclonal Rat IgG _{2A} Clone # 265329
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Integrin α 4/CD49d Tyr34-Phe976 Accession # Q792F9
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 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 µg/10 ⁶ cells	B16-F1 mouse melanoma cell line

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

Integrin α 4, also known as CD49d, associates with either Integrin β 1 or β 7 subunits to form heterodimers. Integrin α 4 β 1 is expressed on peripheral lymphocytes, thymocytes, and monocytes, while Integrin α 4 β 7 is expressed on peripheral lymphocytes and a small subset of thymocytes.

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