

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Integrin α 2/CD49b in direct ELISAs. In direct ELISAs, no cross-reactivity with recombinant mouse Integrin α 3, α 4, α 5, α E, or α V is observed.
Source	Monoclonal Rat IgG _{2B} Clone # 235033
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Integrin α 2/CD49b Tyr27-Thr1129 Accession # Q62469
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	Mouse DX5 ⁺ splenocytes

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 α 2 subunit, also known as CD49b and VLA-2 α subunit, forms a heterodimer with the Integrin α 1 (CD29) or α 4 (CD104) subunits and binds Laminin.

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