

Mouse Integrin β1/CD29 PE-conjugated Antibody

Monoclonal Rat IgG_{2A} Clone # 265917

Catalog Number: FAB2405P

100 TESTS

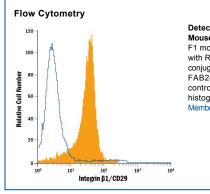
DESCRIPTION			
Species Reactivity	Mouse		
Specificity	Detects mouse Integrin β1/CD29 in direct ELISAs and Western blots. In Western blots, no cross-reactivity with recombinant human Integrin β1, recombinant mouse (rm) Integrin β2, rmIntegrin β3, rmIntegrin β4, or rmIntegrin β6 is observed.		
Source	Monoclonal Rat IgG _{2A} Clone # 265917		
Purification	Protein A or G purified from hybridoma culture supernatant		
Immunogen	Chinese hamster ovary cell line CHO-derived recombinant mouse Integrin β1/CD29 Gln21-Asp728 Accession # P09055		
Conjugate	Phycoerythrin Excitation Wavelength: 488 nm Emission Wavelength: 565-605 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	10 μL/10 ⁶ cells	See Below

DATA



Detection of Integrin $\beta1/CD29$ in B16-F1 Mouse Cell Line by Flow Cytometry. B16-F1 mouse melanoma cell line was stained with Rat Anti-Mouse Integrin $\beta1/CD29$ PEconjugated Monoclonal Antibody (Catalog # FAB2405P, filled histogram) or isotype control antibody (Catalog # IC006P, 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 β 1 subunit, also known as CD29, associates with multiple distinct Integrin α subunits. The Integrin β 1 subunit has a broad tissue distribution with the exception of erythrocytes.

