

Mouse Integrin α7 PE-conjugated Antibody

Monoclonal Rat IgG_{2B} Clone # 334908

Catalog Number: FAB3518P

100 TESTS

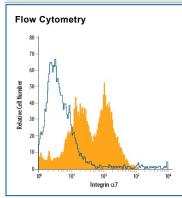
DESCRIPTION			
Species Reactivity	Mouse		
Specificity	Detects mouse Integrin α7 in direct ELISAs. Reactivity with other Integrin α7 isoforms was not tested. In direct ELISAs, no cross-reactivity with recombinant mouse Integrin α2, α3, α4, α5, α9, αΕ, αΧ, recombinant human Integrin αL, or α11 is observed.		
Source	Monoclonal Rat IgG _{2B} Clone # 334908		
Purification	Protein A or G purified from hybridoma culture supernatant		
Immunogen	Chinese hamster ovary cell line CHO-derived recombinant mouse Integrin α7 Phe34-Pro1036 Accession # NP_032424		
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 Shee (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 $\alpha 7$ in C2C12 Mouse Cell Line by Flow Cytometry. C2C12 mouse myoblast cell line was stained with Rat Anti-Mouse Integrin $\alpha 7$ P E-conjugated Monoclonal Antibody (Catalog # FAB3518P, filled histogram) or isotype control antibody (Catalog # ICO13P, 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

Integrin $\alpha 7$ is a transmembrane glycoprotein that forms heterodimers with Integrin $\beta 1$ to bind Laminin 1.

