

Human Integrin αVβ5 APC-conjugated Antibody

Monoclonal Mouse IgG₁ Clone # P5H9

Catalog Number: FAB2528A

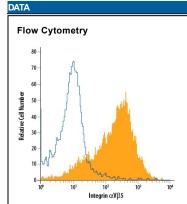
100 Tests

DESCRIPTION			
Species Reactivity	Human		
Specificity	Detects human Integrin $\alpha V \beta 5$. Recognizes the human Integrin $\alpha V \beta 5$ heterodimer and does not recognize the αV subunit in association with a other β subunits.		
Source	Monoclonal Mouse IgG ₁ Clone # P5H9		
Purification	Protein A or G purified from hybridoma culture supernatant		
Immunogen	HT1080 human fibrosarcoma cell line		
Conjugate	Allophycocyanin Excitation Wavelength: 620-650 nm Emission Wavelength: 660-670 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



Detection of Integrin $\alpha V \beta 5$ in MCF-7 Human Cell Line by Flow Cytometry. MCF-7 human breast cancer cell line was stained with Mouse Anti-Human Integrin $\alpha V \beta 5$ APC-conjugated Monoclonal Antibody (Catalog # FAB2528A, filled histogram) or isotype control antibody (Catalog # IC002A, 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

Integrins are heterodimeric receptors comprised of an α and a β subunit. Integrin αV (CD51) associates with several different β subunits, but Integrin β 5 associates exclusively with the αV subunit. Integrin $\alpha V\beta$ 5, also known as Integrin $\alpha V\beta$ 8 and Integrin $\alpha V\beta$ 3B, is a transmembrane heterodimeric protein that functions as a receptor for Vitronectin. It is expressed on hepatoma cells, fibroblasts and carcinoma cells.

