Human Integrin αVβ5 PE-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # P5H9

Catalog Number: FAB2528P

100 TESTS

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Integrin αVβ5. Recognizes the human Integrin αVβ5 heterodimer and does not recognize the αV subunit in association with any 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	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.

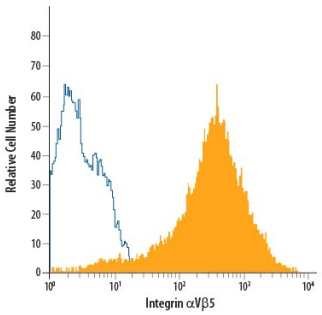
APPLICATIONS

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

Flow Cytometry



Detection of Integrin αVβ5 in MCF-7 Human Cell Line by Flow Cytometry. MCF-7 human breast cancer cell line was stained with Mouse Anti-Human Integrin αVβ5 PE-conjugated Monoclonal Antibody (Catalog # FAB2528P, filled histogram) or isotype control antibody (Catalog # IC002P, 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 β5 associates exclusively with the αV subunit. Integrin αVβ5, also known as Integrin αVβS and Integrin αVβ3B, is a transmembrane heterodimeric protein that functions as a receptor for Vitronectin. It is expressed on hepatoma cells, fibroblasts and carcinoma cells.