

Datasheet for ABIN5665751
anti-ITGA3 antibody (PE)[Go to Product page](#)

1 Image

Overview

Quantity:	100 tests
Target:	ITGA3
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ITGA3 antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Human SSC-9 cell line (squamous cell carcinoma)
Clone:	ASC-1
Isotype:	IgG1 kappa
Specificity:	The mouse monoclonal antibody ASC-1 recognizes an extracellular epitope of CD49c (integrin alpha 3), a transmembrane glycoprotein composed of disulfide linked 125 kDa and 30 kDa chains, and expressed on adherent cell lines and to a lesser extent on T and B cells and monocytes.
Cross-Reactivity (Details):	Human
Purification:	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

Target Details

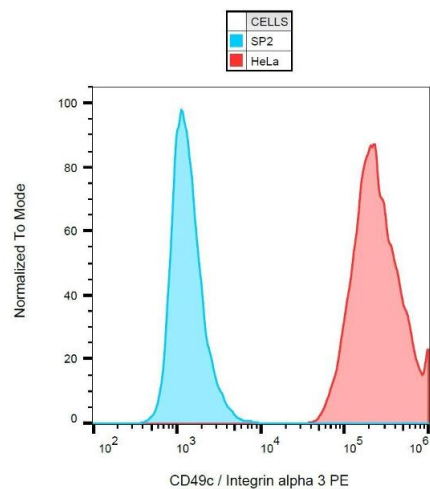
Target:	ITGA3
Alternative Name:	CD49c / Integrin alpha 3 (ITGA3 Products)
Background:	Integrin subunit alpha 3,CD49c / Integrin alpha 3 is a type I transmembrane glycoprotein proteolytically cleaved into two disulfide linked chains. It noncovalently associates with CD29 (integrin beta 1) to form the VLA-3 complex, an adhesion receptor for extracellular matrix components (fibronectin, laminin 1, laminin 5, entactin, and collagen). It is expressed on adherent cells, mainly on fibroblasts, epithelial cells and endothelial cells.,ITGA3, VLA-3 alpha, FRP-2, FRP2, GAPB3
Gene ID:	3675
UniProt:	P26006
Pathways:	CXCR4-mediated Signaling Events , Integrin Complex

Application Details

Application Notes:	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µL reagent / 100 µL of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
Comment:	The purified antibody is conjugated with R-Phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution is necessary.
Restrictions:	For Research Use only

Handling

Buffer:	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.



Flow Cytometry

Image 1. Surface staining of HeLa cells with anti-CD49c (ASC-1) PE.