

Datasheet for ABIN5526894

anti-ITGA3 antibody**1** Image[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	ITGA3
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ITGA3 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro))

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 by protein-A affinity chromatography.
Purity:	> 95 % (by SDS-PAGE)

Target Details

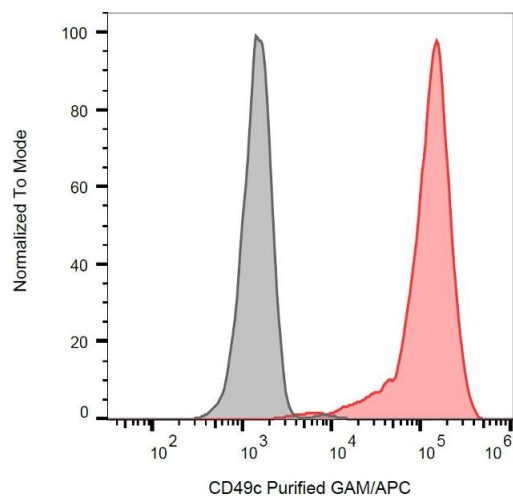
Target:	ITGA3
Alternative Name:	CD49c / Integrin alpha 3 (ITGA3 Products)
Background:	Integrin subunit alpha 3,CD49c / Integrin alpha 3 is a type I transmembrane glycoprotein proteolytically cleaved into two disulfide linked chains. It noncovalently associates with CD29 (integrin beta 1) to form the 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: Recommended dilution: 1-4 µg/mL.
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	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. Do not freeze.



Flow Cytometry

Image 1. Separation of HeLa cells stained using anti-human CD49c (ASC-1) purified antibody (concentration in sample 16 $\mu\text{g/mL}$, GAM APC, red) from HeLa cells unstained by primary antibody (GAM APC, black) in flow cytometry analysis (surface staining).