

Product datasheet for **SM1125F**

CD49b (ITGA2) Mouse Monoclonal Antibody [Clone ID: AK7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	AK7
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of Neat-1/5 diluted antibody to label 10e6 cells or 100 µl whole blood.
Reactivity:	Human, Monkey
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Spleen cells from immunised mice were fused with cells of the mouse NSI myeloma cell line.
Specificity:	This antibody recognizes the Integrin alpha 2 subunit (CD49b/ITGA2). Clone AK7 Inhibits cell attachment to collagen.
Formulation:	PBS, pH 7.4 Label: FITC State: Liquid purified IgG fraction. Stabilizer: 1% BSA Preservative: 0.09% Sodium Azide Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G.
Conjugation:	FITC
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	integrin subunit alpha 2
Database Link:	Entrez Gene 3673 Human P17301

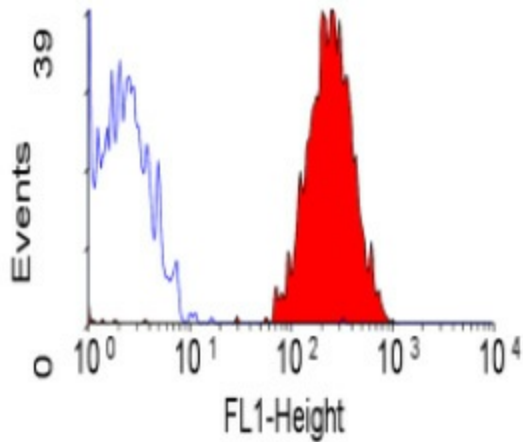


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Background: CD49b is a 160kD glycoprotein that non-covalently associates with the 130kD integrin beta 1 subunit (CD29) to form the VLA-2 complex. CD49b is expressed by platelets, long term cultivated T cells, endothelial cells, monocytes and most adherent cell lines.

Synonyms: Integrin alpha-2, ITGA-2, VLA-2 alpha, VLA2, GPIa, Collagen Receptor

Product images:



Staining of human peripheral blood platelets with Mouse Anti Human CD49b-FITC.