

Product datasheet for **SM1129F**

Integrin alpha 4 (ITGA4) Mouse Monoclonal Antibody [Clone ID: 44H6]

Product data:

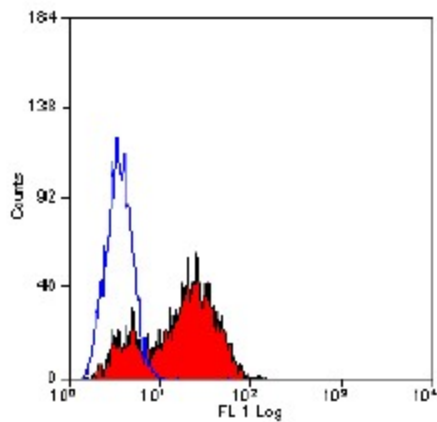
Product Type:	Primary Antibodies
Clone Name:	44H6
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of neat antibody to label 10e6 cells in 100 µl.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	HOON pre-B leukaemia cell line
Specificity:	This antibody recognizes CD49d. Clone 44H6 is reported to induce homotypic aggregation (see Ref.2).
Formulation:	PBS, pH 7.2, with 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. Label: FITC State: Liquid purified IgG fraction. Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
Purification:	Protein G affinity Chromatography.
Conjugation:	FITC
Storage:	Store the antibody 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 4
Database Link:	Entrez Gene 3676 Human P13612
Background:	CD49d, also known as integrin alpha 4 subunit, associates with either integrin beta 1 (to form VLA-4) or beta 7. CD49d is expressed by lymphocytes, monocytes, eosinophils and thymocytes. VLA-4 mediates cell adhesion to VCAM-1 and fibronectin.



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Synonyms: Integrin alpha-4, Integrin alpha-IV, VLA-4, VLA4

Product images:



Staining of human peripheral blood lymphocytes with Mouse anti-Human CD49d -FITC.