

## Product datasheet for **SM1205F**

### Integrin beta 4 (ITGB4) Mouse Monoclonal Antibody [Clone ID: 450-9D]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	450-9D
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of neat-1/10 diluted antibody to label 10e6 cells in 100 µl.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified alpha6beta4 integrin from A431 cells. Spleen cells from immunised BALB/c mice were fused with cells of the mouse Sp2/0 myeloma cell line.
Specificity:	This antibody recognises the b4 integrin (also known as CD104). It recognises an extracellular epitope on the CD104 molecule.
Formulation:	PBS, pH 7.4 containing 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:	Affinity chromatography on Protein G.
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 beta 4
Database Link:	<a href="#">Entrez Gene 3691 Human P16144</a>
Background:	CD104 is a 205kD glycoprotein which associates with the a6 integrin to form the a6/b4 complex. CD104 is expressed on epithelial cells, Schwann cells and various tumour cell lines.



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Synonyms: ITGB4, GP150