

Product datasheet for **SM1205A**

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

Product data:

Product Type:	Primary Antibodies
Clone Name:	450-9D
Applications:	FC, IHC, IP, WB
Recommended Dilution:	Western Blot. Flow cytometry: 1:25 - 1:100; use 10 µl of the suggested working dilution to label 10e6 cells in 100µl. Immunoprecipitation. Immunohistochemistry on frozen sections: 1:500 - 1:1000. Recommended positive control tissue: Human Tonsil.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified alpha6 beta4 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 beta4 integrin (also known as CD104). This antibody recognises an extracellular epitope on the CD104 molecule.
Formulation:	Normal saline State: Azide Free State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	integrin subunit beta 4



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Database Link: [Entrez Gene 3691 Human P16144](#)

Background: CD104 is a 205kD glycoprotein which associates with the alpha6 integrin to form the alpha6/beta4 complex. CD104 is expressed on epithelial cells, Schwann cells and various tumour cell lines.

Synonyms: ITGB4, GP150