

Product datasheet for **SM1135P**

CD51 (ITGAV) Mouse Monoclonal Antibody [Clone ID: 23C6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	23C6
Applications:	FC, IP
Recommended Dilution:	Flow Cytometry: Use 10 µl of 1/40-1/80 diluted antibody to label 10e6 cells in 100 µl. Immunoprecipitation. Immunohistochemistry on frozen sections: use Aceton as fixative, Formaldehyde will destroy the epitope
Reactivity:	Chicken, Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Osteoclasts from osteoclastomas. Spleen cells from immunised mice were fused with cells of the mouse X63.Ag8.653 myeloma cell line.
Specificity:	This antibody recognises the intact complex formed between the CD51 and CD61 molecules (alpha V and beta 3 integrins). This complex binds vitronectin at the RGD sequence and can also bind fibrinogen, von Willebrand factor, thrombospondin, fibronectin, osteopontin and collagen. 23C6 reacts with osteoclasts, placenta, melanoma cell lines and weakly with platelets.
Formulation:	PBS, pH 7.4 State: Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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Gene Name: integrin subunit alpha V

Database Link: [Entrez Gene 3685 Human P06756](#)

Synonyms: ITGB3, ITGB-3, GP3A, Platelet membrane glycoprotein IIIa, GPIIIa, CD61, Integrin beta-3, ITGAV, MSK8, VNRA, Vitronectin receptor subunit alpha, CD51, Integrin alpha-V, Vitronectin Receptor