

Product datasheet for **TA320388**

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

Product data:

Product Type:	Primary Antibodies
Clone Name:	23C6
Applications:	FC
Recommended Dilution:	Flow, IHC
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	integrin subunit alpha V
Database Link:	NP_002201 Entrez Gene 3685 Human P06756

Background: The 23C6 monoclonal antibody reacts with the human CD51/CD61 dimer, also known as the integrin $\alpha v/\beta 3$. CD51, an ~120 kDa surface molecule can also non-covalently associate with other β subunits of the integrin family including $\beta 1$ (CD29), $\beta 5$ and $\beta 6$ to form receptors for extracellular matrix components. Heterodimers of CD51/CD61 are expressed by melanoma cells, endothelial cells and osteoclasts and at very low levels by platelets. The CD51/CD61 complex mediates adhesion to fibrinogen, fibronectin, vitronectin and thrombospondin.

Synonyms: CD51; MSK8; VNRA; VTNR

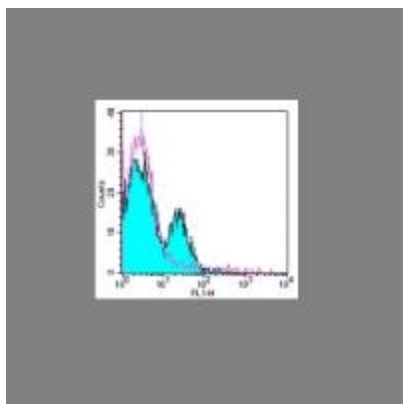
Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Transmembrane



[View online »](#)

Protein Pathways:

Arrhythmogenic right ventricular cardiomyopathy (ARVC), Cell adhesion molecules (CAMs), Dilated cardiomyopathy, ECM-receptor interaction, Focal adhesion, Hypertrophic cardiomyopathy (HCM), Pathways in cancer, Regulation of actin cytoskeleton, Small cell lung cancer

Product images:

Staining of platelets with 0.5 ug of Mouse IgG1 Isotype Control Purified (open histogram) or 0.5 ug of Anti-Human CD51/CD61 (Integrin alpha/beta 3) Purified followed by Anti-Mouse IgG FITC (filled histogram).