

Product datasheet for **TA352872L**

CD51 (ITGAV) Rat Monoclonal Antibody [Clone ID: AvB6 53a.2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	AvB6 53a.2
Recommended Dilution:	FACS ; IF ; Functional
Reactivity:	Human
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Mouse fibroblasts retrovirally infected with cDNA to human beta6 (3T3b6.19). Cells expressed a mouse/human avb6 chimera.
Formulation:	PBS with 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Purified by affinity chromatography.
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:	Integrins are heterodimeric cell surface receptors composed of alpha and beta subunits, which mediate cell-cell and cell-extracellular matrix attachments. Aberrant integrin expression has been found in many epithelial tumours. Changes in integrin expression have been shown to be important for the growth and early metastatic capacity of melanoma cells. Integrin alpha-v beta-6 is upregulated in cancers and during tissue remodelling but is absent from resting adult tissues. Integrin alpha-v beta-6 promotes invasion and correlates with poor survival and therefore makes a promising therapeutic target.
Synonyms:	CD51; MSK8; VNRA; VTNR
Note:	Recommended Concentration: 10ug/ml



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

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