

Product datasheet for **TA352873L**

CD51 (ITGAV) Rat Monoclonal Antibody [Clone ID: Avβ6 62ow.17]

Product data:

Product Type:	Primary Antibodies
Clone Name:	Avβ6 62ow.17
Recommended Dilution:	IHC ; WB
Reactivity:	Human
Host:	Rat
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Mouse fibroblasts retrovirally infected with cDNA to human beta6 (3T3β6.19). Cells expressed a mouse/human avβ6 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:	Alpha-v beta-6 is upregulated on cancers and during tissue remodelling but is weak absent on resting adult tissues. It promotes invasion and correlates with poor survival. It is likely to be good therapeutic target.
Synonyms:	CD51; MSK8; VNRA; VTNR
Note:	Does not recognise mouse av ^β 6
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane



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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