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Product datasheet for CF507354

ITGB6 Mouse Monoclonal Antibody [Clone ID: OTI1D2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1D2
Applications:	WB
Recommended Dilution:	WB 1:1000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human ITGB6(NP_000879) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	85.8 kDa
Gene Name:	integrin subunit beta 6
Database Link:	NP_000879 Entrez Gene 16420 MouseEntrez Gene 311061 RatEntrez Gene 3694 Human P18564
Synonyms:	AI1H
Protein Families:	Druggable Genome, Transmembrane

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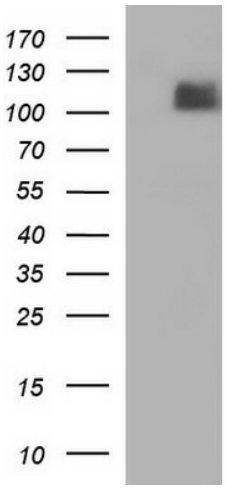
Protein Pathways: Arrhythmogenic right ventricular cardiomyopathy (ARVC), Dilated cardiomyopathy, ECM-receptor interaction, Focal adhesion, Hypertrophic cardiomyopathy (HCM), Regulation of actin cytoskeleton

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY ITGB6 (Cat# [RC217387], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ITGB6(Cat# [TA507354]). Positive lysates [LY400324] (100ug) and [LC400324] (20ug) can be purchased separately from OriGene.