



Mouse anti-Human ITGB6 monoclonal antibody, clone 5D4 (CABT-B10476)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	ITGB6 (NP_000879, 604 a.a. ~ 708 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	5D4
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	CTNPGASGPTCERCPTCGDPCNSKRSCIECHLSAAGQAREECVDKCKLAGATISEEEDFS KDGSVSCSLQGENECLITFLITTDNEGKTIHSINEKDCPKPPN*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes a protein that is a member of the integrin superfamily. Members of this family are adhesion receptors that function in signaling from the extracellular matrix to the cell.
---------------------	---

Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. The encoded protein forms a dimer with an alpha v chain and this heterodimer can bind to ligands like fibronectin and transforming growth factor beta 1. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]

Keywords ITGB6; integrin, beta 6; integrin beta-6;

GENE INFORMATION

Entrez Gene ID	3694
UniProt ID	P18564
Pathway	Arrhythmogenic right ventricular cardiomyopathy (ARVC), organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), conserved biosystem; Dilated cardiomyopathy, organism-specific biosystem; Dilated cardiomyopathy, conserved biosystem; ECM-receptor interaction, organism-specific biosystem; ECM-receptor interaction, conserved biosystem
Function	binding; integrin binding; receptor activity
