



Mouse anti-Human ITGB8 monoclonal antibody, clone 3C5 (CABT-B10477)

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

PRODUCT INFORMATION

Immunogen	ITGB8 (NP_002205, 392 a.a. ~ 504 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	3C5
Conjugate	Unconjugated
Applications	WB, IP, sELISA, ELISA
Sequence Similarities	VENQVQGIYFNITAICPDGSRKPGMEGCRNVTNSDEVLFNVTVMKKCDVTGGKNYAIK PIGFNETAKIHIHRNCSCQCEDNRGPKGKCVDETFLDSKCFQCDENKCHFDE*
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 is a member of the integrin beta chain family and encodes a single-pass type I membrane protein with a VWFA domain and four cysteine-rich repeats. This protein
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noncovalently binds to an alpha subunit to form a heterodimeric integrin complex. In general, integrin complexes mediate cell-cell and cell-extracellular matrix interactions and this complex plays a role in human airway epithelial proliferation. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized. [provided by RefSeq, Jul 2008]

Keywords ITGB8; integrin, beta 8; integrin beta-8;

GENE INFORMATION

Entrez Gene ID	3696
UniProt ID	Q9BUG9
Pathway	Arrhythmogenic right ventricular cardiomyopathy (ARVC), organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), conserved biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Dilated cardiomyopathy, organism-specific biosystem; Dilated cardiomyopathy, conserved biosystem
Function	protein binding; receptor activity