



# 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

<b>Immunogen</b>	ITGB8 (NP_002205, 392 a.a. ~ 504 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	3C5
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB,IP,sELISA,ELISA
<b>Sequence Similarities</b>	VENQVQGIYFNITAICPDGSRKPGMEGCRNVTSNDEVLFNVTVTMKKCDVTGGKNYAIK PIGFNETAKIHHRNCSCQCEDNRGPKGKCVDETFLDSKCFQCDENKCHFDE*
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In 1x PBS, pH 7.2
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## BACKGROUND

<b>Introduction</b>	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]

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<b>Keywords</b>	ITGB8; integrin, beta 8; integrin beta-8;
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## GENE INFORMATION

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<b>Entrez Gene ID</b>	<a href="#">3696</a>
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<b>UniProt ID</b>	<a href="#">Q9BUG9</a>
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<b>Pathway</b>	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
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<b>Function</b>	protein binding; receptor activity
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