



## Mouse anti-Human ITGB1BP1 monoclonal antibody, clone 4C3 (CABT-B10475)

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

### PRODUCT INFORMATION

<b>Immunogen</b>	ITGB1BP1 (AAH12264, 1 a.a. ~ 201 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	4C3
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, sELISA, ELISA
<b>Sequence Similarities</b>	MFRKGKKRHSSSSQSSEISTKSKSVDSSLGGLRSRSTVASLTDSTKSSGQSNNNSDTC AEFRIKYVGAIEKLKLSEGKGLEGPLDLINYIDVAQQDGKLPFVPPEEEFIMGVSKYGIK VSTSDQYDVLHRHALYLIIRMVCYDDGLGVGKSLLALKTTDASNEEYSLWVYQCNNSLEQA QAICKVLSTAFDSVLTSEKP*
<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

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<b>Introduction</b>	The cytoplasmic domains of integrins are essential for cell adhesion. The protein encoded by this gene binds to the beta1 integrin cytoplasmic domain. The interaction between this protein and beta1 integrin is highly specific. Two isoforms of this protein are derived from alternatively spliced transcripts. The shorter form of this protein does not interact with the beta1 integrin cytoplasmic domain. The longer form is a phosphoprotein and the extent of its phosphorylation is regulated by the cell-matrix interaction, suggesting an important role of this protein during integrin-dependent cell adhesion. [provided by RefSeq, Jul 2008]
<b>Keywords</b>	ITGB1BP1; integrin beta 1 binding protein 1; ICAP1; ICAP1A; ICAP1B; ICAP-1A; ICAP-1B; ICAP-1alpha; integrin beta-1-binding protein 1; ICAP-1; bodenin; integrin cytoplasmic domain-associated protein 1; integrin cytoplasmic domain-associated protein 1-beta; integrin cytoplasmic domain-associated protein 1-alpha;

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## GENE INFORMATION

Entrez Gene ID	<a href="#">9270</a>
UniProt ID	<a href="#">O14713</a>
Function	protein binding

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