



# Mouse anti-Human CBY1 monoclonal antibody, clone 3G3 (CABT-B9904)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	CBY1 (NP_056188, 18 a.a. ~ 127 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>	3G3
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB,sELISA,ELISA
<b>Sequence Similarities</b>	SASLSNLHSLDRSTREVELGLEYGSPMTNLAGQSLKFENGQWIAETGVSGGVDRREVQRL RRRNQQLEEEENLLRLKVDILLDMLSESTAESHLMEKELDELRI SRKRK*
<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>	Beta-catenin is a transcriptional activator and oncoprotein involved in the development of several cancers. The protein encoded by this gene interacts directly with the C-terminal region
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of beta-catenin, inhibiting oncogenic beta-catenin-mediated transcriptional activation by competing with transcription factors for binding to beta-catenin. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

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<b>Keywords</b>	CBY1; chibby homolog 1 (Drosophila); CBY; arb1; PGEA1; C22orf2; PIGEA14; PIGEA-14; HS508I15A; protein chibby homolog 1; ARPP-binding protein; coiled-coil protein PIGEA-14; cytosolic leucine-rich protein; chibby CTNNB1-mediated transcription inhibitor; PKD2 interactor, Golgi and endoplasmic reticulum-associated 1; PKD2 interactor, golgi and endoplasmic reticulum associated 1; polycystin-2 interactor, Golgi- and endoplasmic reticulum-associated protein, 14 kDa;
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## GENE INFORMATION

<b>Entrez Gene ID</b>	<a href="#">25776</a>
<b>UniProt ID</b>	<a href="#">Q9Y3M2</a>
<b>Pathway</b>	Regulation of Wnt-mediated beta catenin signaling and target gene transcription, organism-specific biosystem
<b>Function</b>	beta-catenin binding; identical protein binding; protein binding

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