



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

Immunogen	CBY1 (NP_056188, 18 a.a. ~ 127 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	3G3
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	SASLSNLHSLDRSTREVELGLEYGSPTMNLAGQLKFENGQWIAETGVSGGVDRREVQRL RRRNQQLEEEENNLLRKVDILDMLESTAEHLMEKELDELRISRKRK*
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	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
---------------------	--

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]

Keywords	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;
-----------------	---

GENE INFORMATION

Entrez Gene ID	25776
UniProt ID	Q9Y3M2
Pathway	Regulation of Wnt-mediated beta catenin signaling and target gene transcription, organism-specific biosystem
Function	beta-catenin binding; identical protein binding; protein binding
