



# Rabbit Anti-CDC42 monoclonal antibody, clone KK197-15 (CABT-L846)

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

## PRODUCT INFORMATION

<b>Target</b>	CDC42
<b>Immunogen</b>	Recombinant protein
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Clone</b>	KK197-15
<b>Purification</b>	Protein A purified.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC, IP, FC
<b>Molecular Weight</b>	21 kDa
<b>Cellular Localization</b>	Cell membrane, Cytoplasm, Midbody.
<b>Positive Control</b>	Jurkat, Hela, HepG2, human breast carcinoma tissue, human pancreas tissue, mouse pancreas tissue.
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	1×TBS (pH7.4), 1% BSA, 40% Glycerol.

<b>Preservative</b>	0.05% Sodium Azide
<b>Storage</b>	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

## BACKGROUND

<b>Introduction</b>	The superfamily of GTP-binding proteins, for which the Ras proteins are prototypes, has been implicated in regulation of diverse biological activities involving various aspects of cell growth and division. One mammalian member of the family, Cdc42, has an amino acid sequence that is similar to those of various members of the Ras superfamily proteins, including N-, K- and H-Ras, Rho proteins and the Rac proteins. On the basis of in vitro phosphorylation studies, it has been suggested that human Cdc42 may function in the signaling pathway of the EGF receptor or related growth factor receptor protein kinases. The Dbl oncogene has been shown to specifically catalyze dissociation of GDP from human Cdc42.
<b>Keywords</b>	CDC42;CDC42_HUMAN;CDC42Hs;Cell division control protein 42 homolog;Cell division cycle 42 (GTP binding protein 25kDa);Cell division cycle 42;dJ224A6.1.1 (cell division cycle 42 (GTP-binding protein, 25kD));dJ224A6.1.2 (cell division cycle 42 (GTP-binding protein, 25kD));G25K;G25K GTP-binding protein;Growth regulating protein;GTP binding protein 25kDa;Small GTP binding protein CDC42;TKS antibody

## GENE INFORMATION

<b>Entrez Gene ID</b>	<a href="#">5971</a>
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