



Mouse anti-Human CDC42EP4 monoclonal antibody, clone 4H21 (CABT-B9923)

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

PRODUCT INFORMATION

Immunogen	CDC42EP4 (NP_036253, 163 a.a. ~ 226 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	4H21
Conjugate	Unconjugated
Applications	WB, ELISA
Sequence Similarities	VPRRNGAAGPHSPDLLDEQAFGDLTDLPVVVPKATYGLKHAESIMSFHIDLGPSMLGDVL SIM*
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	The product of this gene is a member of the CDC42-binding protein family. Members of this family interact with Rho family GTPases and regulate the organization of the actin cytoskeleton.
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This protein has been shown to bind both CDC42 and TC10 GTPases in a GTP-dependent manner. When overexpressed in fibroblasts, this protein was able to induce pseudopodia formation, which suggested a role in inducing actin filament assembly and cell shape control. [provided by RefSeq, Jul 2008]

Keywords	CDC42EP4; CDC42 effector protein (Rho GTPase binding) 4; CEP4; BORG4; KAIA1777; cdc42 effector protein 4; binder of Rho GTPases 4;
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GENE INFORMATION

Entrez Gene ID	23580
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UniProt ID	Q9H3Q1
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Function	GTP-Rho binding
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