



# Mouse anti-Human CDC42EP2 monoclonal antibody, clone 3I8 (CABT-B9922)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	CDC42EP2 (NP_006770, 102 a.a. ~ 211 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>	3I8
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ELISA
<b>Sequence Similarities</b>	PLLKNAISLPVIGGPQALTLPTAQAPPKPPRLHLETPQPSPQEGGSVDIWRIPETGSPNS GLTPESGAEEPFLSNASSLLSLHVDLGPSILDDVLQIMDQDLDSMQIPT*
<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>	CDC42, a small Rho GTPase, regulates the formation of F-actin-containing structures through its interaction with the downstream effector proteins. The protein encoded by this gene is a
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member of the Borg family of CDC42 effector proteins. Borg family proteins contain a CRIB (Cdc42/Rac interactive-binding) domain. They bind to, and negatively regulate the function of CDC42. Coexpression of this protein with CDC42 suggested a role of this protein in actin filament assembly and cell shape control. [provided by RefSeq, Aug 2011]

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<b>Keywords</b>	CDC42EP2; CDC42 effector protein (Rho GTPase binding) 2; CEP2; BORG1; cdc42 effector protein 2; binder of Rho GTPases 1; CRIB-containing BOGR1 protein;
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## GENE INFORMATION

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<b>Entrez Gene ID</b>	<a href="#">10435</a>
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<b>UniProt ID</b>	<a href="#">O14613</a>
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<b>Function</b>	GTP-Rho binding; Rho GTPase activator activity; opioid peptide activity; protein binding
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