



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

Immunogen	CDC42EP2 (NP_006770, 102 a.a. ~ 211 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	3I8
Conjugate	Unconjugated
Applications	WB, ELISA
Sequence Similarities	PLLKNAISLPVIGGPQALTLPQAQAPPKPPRLHLETPQPSPQEGGSVDIWRIPETGSPNS GLTPESGAEEPFLSNASSLLSLHVDLGPSILDDVLQIMDQDLSMQIPT*
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	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]

Keywords CDC42EP2; CDC42 effector protein (Rho GTPase binding) 2; CEP2; BORG1; cdc42 effector protein 2; binder of Rho GTPases 1; CRIB-containing BOGR1 protein;

GENE INFORMATION

Entrez Gene ID [10435](#)

UniProt ID [Q14613](#)

Function GTP-Rho binding; Rho GTPase activator activity; opioid peptide activity; protein binding
