



# Mouse anti-Human GLE1 monoclonal antibody, clone 2E9 (CABT-B10331)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	GLE1 (NP_001003722, 140 a.a. ~ 241 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>	2E9
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB,IF,sELISA,ELISA
<b>Sequence Similarities</b>	RMKGTEGLRLWQEEQERKVQALSEMASEQLKRFDEWKELQHKQFQDLREVMEKSSREAL GHQEKLKAEHRHRAKILNLKLREAEQQRVKQAEQERLRKEE*
<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>	This gene encodes a predicted 75-kDa polypeptide with high sequence and structure homology to yeast Gle1p, which is nuclear protein with a leucine-rich nuclear export sequence essential
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for poly(A)+RNA export. Inhibition of human GLE1L by microinjection of antibodies against GLE1L in HeLa cells resulted in inhibition of poly(A)+RNA export. Immunofluorescence studies show that GLE1L is localized at the nuclear pore complexes. This localization suggests that GLE1L may act at a terminal step in the export of mature RNA messages to the cytoplasm. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

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<b>Keywords</b>	GLE1; GLE1 RNA export mediator; LCCS; GLE1L; LCCS1; hGLE1; nucleoporin GLE1; GLE1-like protein; GLE1-like, RNA export mediator; GLE1 RNA export mediator homolog;
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## GENE INFORMATION

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<b>Entrez Gene ID</b>	<a href="#">2733</a>
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<b>UniProt ID</b>	<a href="#">Q53GS7</a>
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<b>Function</b>	protein binding
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