



## Mouse anti-Human ERBB2IP monoclonal antibody, clone 21H2 (CABT-B10202)

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

### PRODUCT INFORMATION

<b>Immunogen</b>	ERBB2IP (NP_061165, 1272 a.a. ~ 1372 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	21H2
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, sELISA, ELISA
<b>Sequence Similarities</b>	QGH <del>ELAK</del> Q <del>EIR</del> RV <del>KE</del> D <del>PE</del> L <del>G</del> F <del>S</del> I <del>S</del> GGV <del>GG</del> R <del>G</del> N <del>F</del> R <del>P</del> DDG <del>I</del> F <del>V</del> TR <del>V</del> Q <del>P</del> E <del>G</del> P <del>A</del> S <del>K</del> L <del>L</del> Q <del>P</del> G <del>D</del> K <del>I</del> IQ <del>ANG</del> Y <del>S</del> FIN <del>I</del> EHG <del>Q</del> A <del>V</del> S <del>L</del> L <del>K</del> T <del>Q</del> NT <del>V</del> E <del>L</del> I <del>I</del> V <del>R</del> E <del>V</del> S <del>S</del> *
<b>Format</b>	Liquid
<b>Size</b>	50 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 is a member of the leucine-rich repeat and PDZ domain (LAP) family. The encoded protein contains 17 leucine-rich repeats and one PDZ domain. It binds to the unphosphorylated
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form of the ERBB2 protein and regulates ERBB2 function and localization. It has also been shown to affect the Ras signaling pathway by disrupting Ras-Raf interaction. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011]

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<b>Keywords</b>	ERBB2IP; erb2 interacting protein; LAP2; ERBIN; HEL-S-78; protein LAP2; densin-180-like protein; epididymis secretory protein Li 78;
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## GENE INFORMATION

<b>Entrez Gene ID</b>	<a href="#">55914</a>
<b>UniProt ID</b>	<a href="#">Q96RT1</a>
<b>Pathway</b>	Alpha6-Beta4 Integrin Signaling Pathway, organism-specific biosystem; NLR proteins, organism-specific biosystem; NOD-like receptor signaling pathway, organism-specific biosystem; NOD-like receptor signaling pathway, conserved biosystem; TGF-beta Receptor Signaling Pathway, organism-specific biosystem
<b>Function</b>	ErbB-2 class receptor binding; integrin binding; protein binding; structural constituent of cytoskeleton

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