



# Mouse anti-Human KNTC1 monoclonal antibody, clone 21I5 (CABT-B10534)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	KNTC1 (NP_055523, 2100 a.a. ~ 2210 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>	21I5
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IF, sELISA, ELISA
<b>Sequence Similarities</b>	DPQVILKQLEEHMNTGQLAGFSHQIRSLILNNIINKKEFGILAKTKYFQMLKMHAMNTNN ITELVNYLANDLSLDEASVLITEYSKHCCKPVPPDTAPCEILKMFLSGLS*
<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 protein that is one of many involved in mechanisms to ensure proper chromosome segregation during cell division. Experimental evidence indicated that the
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encoded protein functioned in a similar manner to that of the *Drosophila* rough deal protein.  
[provided by RefSeq, Jul 2008]

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<b>Keywords</b>	KNTC1; kinetochore associated 1; ROD; kinetochore-associated protein 1; Rough Deal homolog, centromere/kinetochore protein;
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## GENE INFORMATION

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Entrez Gene ID	<a href="#">9735</a>
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UniProt ID	<a href="#">P50748</a>
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<b>Pathway</b>	Cell Cycle, Mitotic, organism-specific biosystem; DNA Replication, organism-specific biosystem; M Phase, organism-specific biosystem; Mitotic M-M/G1 phases, organism-specific biosystem; Mitotic Prometaphase, organism-specific biosystem
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<b>Function</b>	protein binding
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