



# Mouse anti-Human DENR monoclonal antibody, clone 2I4 (CABT-B10082)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	DENR (NP_003668, 1 a.a. ~ 82 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>	2I4
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ELISA, RNAi Knockdown
<b>Sequence Similarities</b>	MAADISESSGADCKGDPRNSAKLDADYPLRVLYCGVCSLPTEYCEYMPDVAKCRQWLEKN FPNEFAKLTVENSPKQEAGIS*
<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 whose expression was found to increase in cultured cells at high density but not during growth arrest. This gene was also shown to have increased expression in
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cells overexpressing HER-2/neu proto-oncogene. The protein contains an SUI1 domain. In budding yeast, SUI1 is a translation initiation factor that along with eIF-2 and the initiator tRNA-Met, directs the ribosome to the proper translation start site. Proteins similar to SUI have been found in mammals, insects, and plants. [provided by RefSeq, Jul 2008]

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**Keywords** DENR; density-regulated protein; DRP; DRP1; SMAP-3; smooth muscle cell associated protein-3; smooth muscle cell-associated protein 3;

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## GENE INFORMATION

**Entrez Gene ID** [8562](#)

**UniProt ID** [O43583](#)

**Function** molecular\_function; protein binding; translation initiation factor activity

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