



# Mouse anti-Human HERC4 monoclonal antibody, clone 3H8 (CABT-B10395)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	HERC4 (NP_071362, 341 a.a. ~ 441 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>	3H8
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB,sELISA,ELISA
<b>Sequence Similarities</b>	VKGNWYPYNGQCLPDIDSEYFCVKRIFSGGDQSFESHYSSPQNCGPPDDFRCPNPTKQIW TVNEALIQKWLSPSGRFPVEIANEIDGTFSSSGCLNGSF*
<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>	HERC4 belongs to the HERC family of ubiquitin ligases, all of which contain a HECT domain and at least 1 RCC1 (MIM 179710)-like domain (RLD). The 350-amino acid HECT domain is
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predicted to catalyze the formation of a thioester with ubiquitin before transferring it to a substrate, and the RLD is predicted to act as a guanine nucleotide exchange factor for small G proteins (Hochrainer et al., 2005 [PubMed 15676274]).[supplied by OMIM, Mar 2008]

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<b>Keywords</b>	HERC4; HECT and RLD domain containing E3 ubiquitin protein ligase 4; probable E3 ubiquitin-protein ligase HERC4; hect domain and RLD 4; HECT domain and RCC1-like domain-containing protein 4;
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## GENE INFORMATION

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<b>Entrez Gene ID</b>	<a href="#">26091</a>
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<b>UniProt ID</b>	<a href="#">Q5GLZ8</a>
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<b>Pathway</b>	Ubiquitin mediated proteolysis, organism-specific biosystem; Ubiquitin mediated proteolysis, conserved biosystem
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<b>Function</b>	acid-amino acid ligase activity; ligase activity; ubiquitin-protein ligase activity
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