



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

Immunogen	HERC4 (NP_071362, 341 a.a. ~ 441 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	3H8
Conjugate	Unconjugated
Applications	WB, sELISA, ELISA
Sequence Similarities	VKGNWYPYNGQCLPDIDSEEVFCVKRIFSGGDQSFHYSSPQNCGPPDDFRCNPPTKQIW TVNEALIQKWLSYPSGRFPVEIANEIDGTFSSSGCLNGSF*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	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]

Keywords 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;

GENE INFORMATION

Entrez Gene ID [26091](#)

UniProt ID [Q5GLZ8](#)

Pathway Ubiquitin mediated proteolysis, organism-specific biosystem; Ubiquitin mediated proteolysis, conserved biosystem

Function acid-amino acid ligase activity; ligase activity; ubiquitin-protein ligase activity