



Mouse anti-Human CCNDBP1 monoclonal antibody, clone 4C8 (CABT-B9910)

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

PRODUCT INFORMATION

Immunogen	CCNDBP1 (NP_036274, 261 a.a. ~ 361 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	4C8
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	LVAENGKKDQVAQMADIVDISDEISPSVDDLALSIYPPMCHLTVRINSAKLVSVLKKALE ITKASHVTPQPEDSWIPLLINAIDHCMNRIKELTQSELEL*
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	This gene was identified by the interaction of its gene product with Grap2, a leukocyte-specific adaptor protein important for immune cell signaling. The protein encoded by this gene was
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shown to interact with cyclin D. Transfection of this gene in cells was reported to reduce the phosphorylation of Rb gene product by cyclin D-dependent protein kinase, and inhibit E2F1-mediated transcription activity. This protein was also found to interact with helix-loop-helix protein E12 and is thought to be a negative regulator of liver-specific gene expression. Several alternatively spliced variants have been found for this gene. [provided by RefSeq, Apr 2009]

Keywords	CCNDBP1; cyclin D-type binding-protein 1; HHM; DIP1; GCIP; cyclin-D1-binding protein 1; human homolog of Maid; D-type cyclin-interacting protein 1; grap2 and cyclin-D-interacting protein;
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GENE INFORMATION

Entrez Gene ID	23582
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UniProt ID	O95273
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Function	protein binding
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