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CDC37L1 Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a full-length recombinant CDC37L1.
Catalog # AT1462a

Product Information

Application	WB, E
Primary Accession	Q7L3B6
Other Accession	BC014133
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1D4
Calculated MW	38835

Additional Information

Gene ID	55664
Other Names	Hsp90 co-chaperone Cdc37-like 1, Hsp90-associating relative of Cdc37, CDC37L1, CDC37B, HARC
Target/Specificity	CDC37L1 (AAH14133, 1 a.a. ~ 337 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	CDC37L1 Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

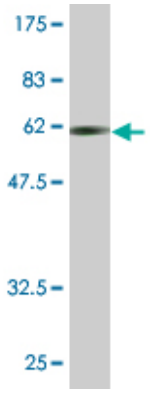
CDC37L1 is a cytoplasmic phosphoprotein that exists in complex with HSP90 (HSPCA; MIM 140571) as well as several other proteins involved in HSP90-mediated protein folding (Scholz et al., 2001 [PubMed 11413142]).

References

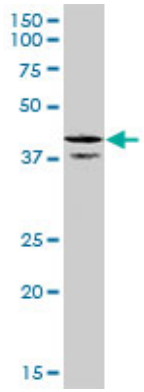
Importance of the C-terminal domain of Harc for binding to Hsp70 and Hop as well as its response to heat shock. Cartledge K, et al. Biochemistry, 2007 Dec 25. PMID 18052042.Domain-mediated dimerization of the Hsp90 cochaperones Harc and Cdc37. Roiniotis J, et al. Biochemistry, 2005 May 3. PMID

15850399.Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.Identification and characterization of Harc, a novel Hsp90-associating relative of Cdc37. Scholz GM, et al. J Biol Chem, 2001 Aug 17. PMID 11413142.Construction and characterization of a full length-enriched and a 5'-end-enriched cDNA library. Suzuki Y, et al. Gene, 1997 Oct 24. PMID 9373149.

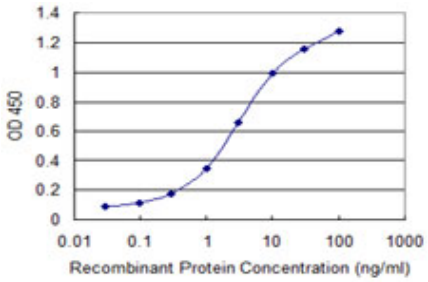
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (62.81 KDa) .



CDC37L1 monoclonal antibody (M03), clone 1D4. Western Blot analysis of CDC37L1 expression in HepG2 ((Cat # AT1462a)



Detection limit for recombinant GST tagged CDC37L1 is 0.03 ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.