

CDC37L1 Antibody (monoclonal) (M03)

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

Catalog # AT1462a

Specification

CDC37L1 Antibody (monoclonal) (M03) - Product Information

Application	WB, E
Primary Accession	O7L3B6
Other Accession	BC014133
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	38835

CDC37L1 Antibody (monoclonal) (M03) - 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

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.

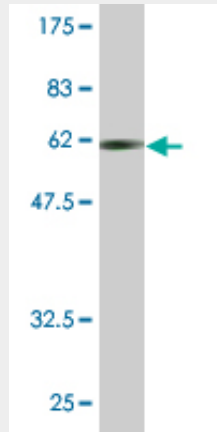
CDC37L1 Antibody (monoclonal) (M03) - Protocols

Provided below are standard protocols that you may find useful for product applications.

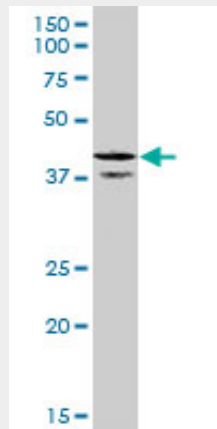
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

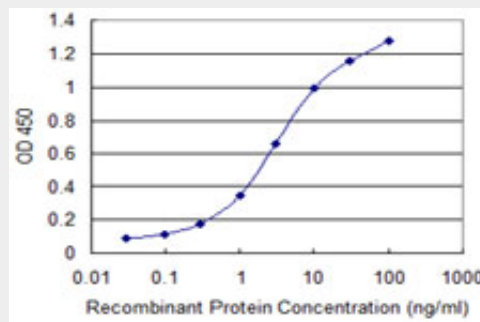
CDC37L1 Antibody (monoclonal) (M03) - Images



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.

CDC37L1 Antibody (monoclonal) (M03) - 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]).

CDC37L1 Antibody (monoclonal) (M03) - References

Importance of the C-terminal domain of Hsc70 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 Hsc70 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 Hsc70, 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.