

DEC R1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant DEC R1.

Catalog # AT1746a

Specification

DEC R1 Antibody (monoclonal) (M01) - Product Information

Application	WB, IHC, E
Primary Accession	Q16698
Other Accession	NM_001359
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	36068

DEC R1 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 1666**Other Names**

4-dienoyl-CoA reductase, mitochondrial, 4-dienoyl-CoA reductase [NADPH], 4-enoyl-CoA reductase [NADPH], DEC R1, DEC R

Target/Specificity

DEC R1 (NP_001350, 236 a.a. ~ 335 a.a) partial 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

DEC R1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

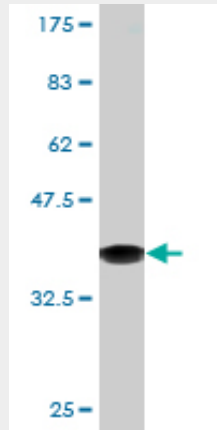
DEC R1 Antibody (monoclonal) (M01) - Protocols

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

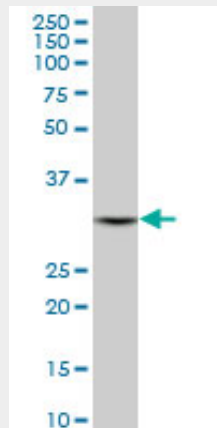
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

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

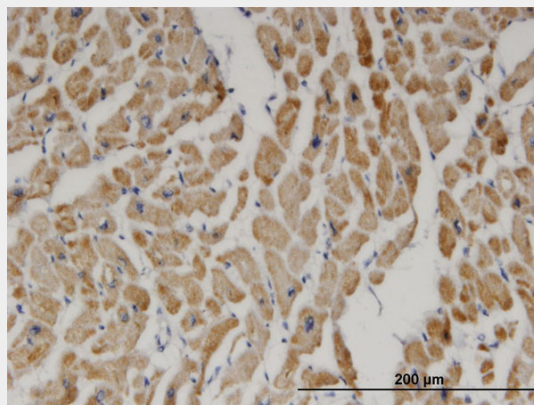
DEC1 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 kDa) .

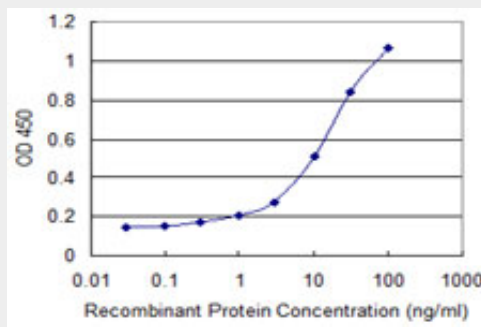


DEC1 monoclonal antibody (M01), clone 3D4. Western Blot analysis of DEC1 expression in HepG2 ((Cat # AT1746a)



Immunoperoxidase of monoclonal antibody to DEC1 on formalin-fixed paraffin-embedded

human heart. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged DECR1 is 0.3 ng/ml as a capture antibody.

DECR1 Antibody (monoclonal) (M01) - Background

This gene encodes an accessory enzyme which participates in the beta-oxidation and metabolism of unsaturated fatty enoyl-CoA esters.

DECR1 Antibody (monoclonal) (M01) - References

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. *Mol Med*, 2010 Jul-Aug. PMID 20379614. Association between genetic variants in VEGF, ERCC3 and occupational benzene haematotoxicity. Hosgood HD 3rd, et al. *Occup Environ Med*, 2009 Dec. PMID 19773279. Association of acute ischemic stroke with the MTHFR C677T polymorphism but not with NOS3 gene polymorphisms in a Singapore population. Moe KT, et al. *Eur J Neurol*, 2008 Dec. PMID 19049547. The SDR (short-chain dehydrogenase/reductase and related enzymes) nomenclature initiative. Persson B, et al. *Chem Biol Interact*, 2009 Mar 16. PMID 19027726. Proteomic analysis reveals Hrs ubiquitin-interacting motif-mediated ubiquitin signaling in multiple cellular processes. Pridgeon JW, et al. *FEBS J*, 2009 Jan. PMID 19019082.