



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## HADHSC monoclonal antibody (M02), clone 3C9

Catalog # : H00003033-M02

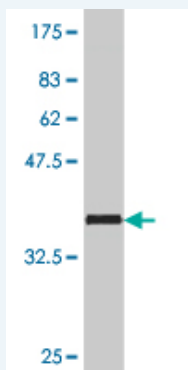
規格 : [ 100 ug ]

List All

### Specification

<b>Product Description:</b>	Mouse monoclonal antibody raised against a partial recombinant HADHSC.
<b>Immunogen:</b>	HADHSC (NP_005318, 205 a.a. ~ 314 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence:</b>	GKHPVSCKDTPGFIVNRLVLPYLMEAIRLYERGDASKEDIDTAMKLGAGY PMGPFELLDYVGLDTTKFIVDGWHEMDAENPLHQPSPLNKLVAENKFG KKTGEGFYKYK
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Isotype:</b>	IgG3 Kappa

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (37.84 KDa) .

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:** [Download](#)

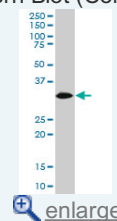
**Datasheet:** [Download](#)

### Applications

Western Blot (Cell lysate)

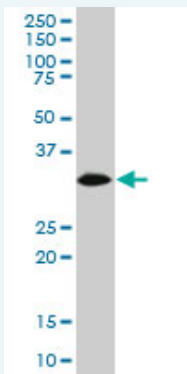
### Application Image

Western Blot (Cell lysate)



Western Blot (Recombinant protein)

ELISA



HADHSC monoclonal antibody (M02), clone 3C9. Western Blot analysis of HADHSC expression in HepG2 ( Cat # L019V1 ).

 [Protocol Download](#)

#### Western Blot (Recombinant protein)

 [Protocol Download](#)

#### ELISA

#### Gene Information

**Entrez GeneID:** [3033](#)

**GeneBank** [NM\\_005327](#)

**Accession#:**

**Protein** [NP\\_005318](#)

**Accession#:**

**Gene Name:** HADH

**Gene Alias:** HAD,HADH1,HADHSC,HHF4,M/SCHAD,MGC8392,SCHAD

**Gene** hydroxyacyl-Coenzyme A dehydrogenase

**Description:**

**Omim ID:** [231530](#), [601609](#), [609975](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** This gene is a member of the 3-hydroxyacyl-CoA dehydrogenase gene family. The encoded protein functions in the mitochondrial matrix to catalyze the oxidation of straight-chain 3-hydroxyacyl-CoAs as part of the beta-oxidation pathway. Its enzymatic activity is highest with medium-chain-length fatty acids. Mutations in this gene cause one form of familial hyperinsulinemic hypoglycemia. The human genome contains a related pseudogene. [provided by RefSeq]

**Other** L-3-hydroxyacyl-Coenzyme A dehydrogenase,L-3-hydroxyacyl-  
**Designations:** Coenzyme A dehydrogenase, short chain

#### Gene Pathway

[Butanoate metabolism](#) [Caprolactam degradation](#) [Fatty acid elongation in mitochondria](#)  
[Fatty acid metabolism](#) [Geraniol degradation](#) [Lysine degradation](#) [Metabolic pathways](#)  
[Tryptophan metabolism](#) [Valine, leucine and isoleucine degradation](#)

#### Related Disease

[Alcoholism](#) [Diabetes Mellitus, Type 2](#) [Genetic Predisposition to Disease](#) [Hyperinsulinism](#)

