



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Datasheet

### FH monoclonal antibody (MP09), clone 3E7 (PE)

**Catalog Number:** H00002271-MP09

**Regulation Status:** For research use only (RUO)

**Product Description:** PE conjugated mouse monoclonal antibody raised against a full length recombinant FH.

**Clone Name:** 3E7

**Immunogen:** FH (AAH03108, 33 a.a. ~ 510 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

VPSFWPPNAARMASQNSFRIEYDTFGELKVPNDKYYG  
AQTVRSTMNFKIGGVTERMPVIAFGILKRAAAEVN  
QDYGLDPKIANAIMKAADEVAEGKLNDFPLVWVQTG  
SGTQTNMNVNEVISNRAIEMLGELGSKIPVHPNDHV  
NKSQSSNDTFPTAMHIAAAIEVHEVLLPGLQKLHDALD  
AKSKEFAQIIKIGRTHQTDAVPLTLGQEFSGYVQVVKY  
AMTRIKAAAMPRIYELAAGGTAVGTGLNTRIGFAEKVAA  
KVAALTGLPFVTAPNKFEALAAHDALVELSGAMNTTAC  
SLMKIANDIRFLGSGPRSGLGELILPENEPGSSIMPGKV  
NPTQCEAMTMVAAQVMGNHVAVTVGGSNGHFELNVF  
KPMMIKNVLHSARLLGDASVSFTENCVVGIQANTERIN  
KLMNESLMLVTALNPHIGYDKAAKIAKTAHKNGSTLKE  
TAIELGYLTAEQFDEWVKPKDMLGPK

**Host:** Mouse

**Interspecies Antigen Sequence:** Mouse (96); Rat (97)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product  
page for detailed protocols

**Conjugation:** PE

**Isotype:** IgG2b Kappa

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

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

**Entrez GeneID:** 2271

**Gene Symbol:** FH

**Gene Alias:** HLRCC, LRCC, MCL, MCUL1

**Gene Summary:** The protein encoded by this gene is an enzymatic component of the tricarboxylic acid (TCA) cycle, or Krebs cycle, and catalyzes the formation of L-malate from fumarate. It exists in both a cytosolic form and an N-terminal extended form, differing only in the translation start site used. The N-terminal extended form is targeted to the mitochondrion, where the removal of the extension generates the same form as in the cytoplasm. It is similar to some thermostable class II fumarases and functions as a homotetramer. Mutations in this gene can cause fumarase deficiency and lead to progressive encephalopathy. [provided by RefSeq]