



# 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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# MARS MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00004141-B01

規格 : [ 50 uL ]

[List All](#)

## Specification

<b>Product Description:</b>	Mouse polyclonal antibody raised against a full-length human MARS protein.
<b>Immunogen:</b>	MARS (NP_004981.2, 1 a.a. ~ 900 a.a) full-length human protein.
<b>Sequence:</b>	MRLFVSDGVPGLPVLAAAGRARGRAEVLSTVGPEDCVVFLTRPKVP VLQLDSGNLYFSTSAICRYFFLLSGWEQDDL TNQWLEWEATELQPALS AALYYLVQGGKGEDVLGSVRRAL THIDHLSLRQNCPLAGETESLADIV LWGALYPLLQDPAYLPEELSALHSWFQTLSTQEPCQRAAETVLKQQGV LALRPYLQKQPQSPAEGRAVTNEPEEEELATLSEEEIAMAVTAWEKGL ESLPPLRPQQNPVLPVAGERNVLITSAIPYVNNVPHLGNIIIGCVLSADVFA RYSRLRQWNTLYLCGTDEYGTATETKALEEGLTPQEICKYHIIHADIYR WFNISFDIFGRTTTTPQQTKITQDIFQQLLKRGFVLQDTEQLRCEHCARF LADRFVEGVCFPGYEEARGDQCDKCGKLI NAVELKKPQCKVCRSCP VQSSQHLFLDLPKLEKRL EEWLGRTPGSDWTPNAQFITRSWLRDGLK PRCITRDLKWGTPVPLEGFEDKVFYVWF DATIGYLSITANYTDQWERW WKNPEQVDLYQFMAKDNVPHSLVFP CSALGAEDNYTLVSHLIATEYLN EDGKFSKSRGVGVFGDMAQDTGIPADIWRFYLLYRPEGQDSAFSWTD LLLKNSELLNNLGNFINRAGMFVSKFFGGYVPEMMLTPDDQRLLAHVTL ELQHYHQLLEKVRIRDALRSILTISRHGNQYIQVNEPWKRIKGEADRQRA GTVTGLAVNIAALLSVMLQPYMPTVSATIQAQLQLPPPACSILLTNFLCTL PAGHQIGTVSPLFQKLENDQIESLRQRFGGGQAKTSPKPAVVETVTTAK PQQIQALMDEVTKQGNIVRELKAQKADKNEVAEVAKLLDLKKQLAVAEG KPPEAPKGKKKK
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Quality Control Testing:</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer:</b>	No additive
<b>Storage Instruction:</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Note:</b>	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

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

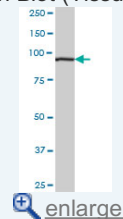
**Datasheet:**  [Download](#)

## Applications

**Western Blot (Tissue lysate)**

## Application Image

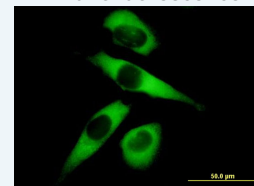
Western Blot (Tissue lysate)

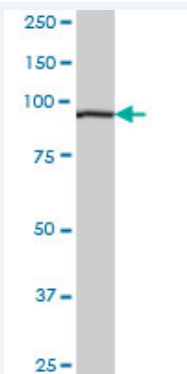


Western Blot (Transfected lysate)



Immunofluorescence

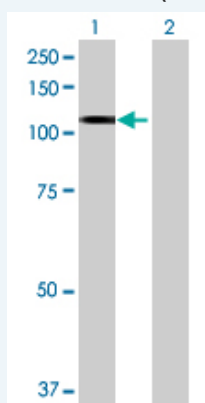




MARS MaxPab polyclonal antibody. Western Blot analysis of MARS expression in human pancreas.

 [Protocol Download](#)


#### Western Blot (Transfected lysate)



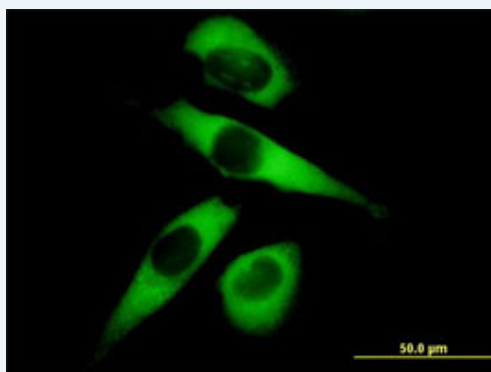
Western Blot analysis of MARS expression in transfected 293T cell line ([H00004141-T01](#)) by MARS MaxPab polyclonal antibody.


Lane 1: MARS transfected lysate(99 KDa).

Lane 2: Non-transfected lysate.


 [Protocol Download](#)

#### Immunofluorescence



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Immunofluorescence of purified MaxPab antibody to MARS on HeLa cell. [antibody concentration 10 ug/ml]

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#### Gene Information

Entrez GeneID: [4141](#)

GeneBank [NM\\_004990.2](#)

Accession#:

Protein [NP\\_004981.2](#)

Accession#:

Gene Name: MARS

**Gene Alias:** FLJ35667,METRS,MTRNS

**Gene Description:** methionyl-tRNA synthetase

**Omim ID:** [156560](#)

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

**Gene Summary:** Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. The protein encoded by this gene belongs to the class I family of tRNA synthetases. [provided by RefSeq]

**Other Designations:** methionine tRNA ligase 1, cytoplasmic,methionine-tRNA synthetase

### **Gene Pathway**

[Aminoacyl-tRNA biosynthesis](#) [Selenoamino acid metabolism](#)

### **Related Disease**

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