



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

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MEF2A monoclonal antibody (M01), clone 3F6

Catalog # : H00004205-M01

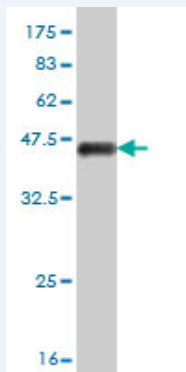
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant MEF2A.
Immunogen:	MEF2A (AAH13437, 71 a.a. ~ 170 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	EYNEPHESRTNSDIVEALNKKEHRGCDSPDPDTSYVLTPTHEEKYKKINE EFDNMMRNHAKIAPGLPPQNFMSVTVPVTSNALSYTNPGSSLVSPSLAA
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2b Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (37 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 (Recombinant protein)

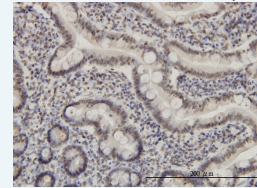
[Protocol Download](#)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Application Image

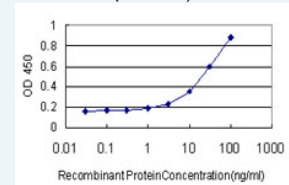
Western Blot (Recombinant protein)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



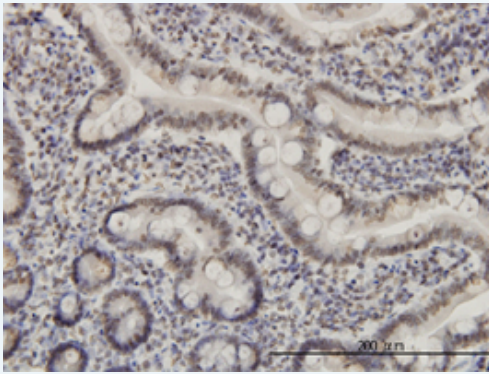
[enlarge](#)

Sandwich ELISA (Recombinant protein)



[enlarge](#)

ELISA

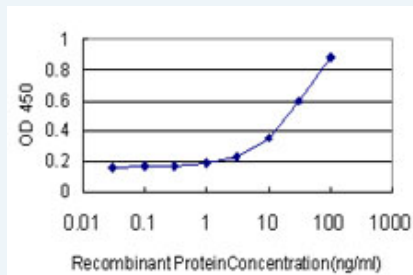


[enlarge this image](#)

Immunoperoxidase of monoclonal antibody to MEF2A on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 3 ug/ml]

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged MEF2A is approximately 1 ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [4205](#)

GeneBank [BC013437](#)

Accession#:

Protein [AAH13437](#)

Accession#:

Gene Name: MEF2A

Gene Alias: ADCAD1,RSRFC4,RSRFC9

Gene myocyte enhancer factor 2A

Description:

Omim ID: [600660](#), [608320](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The process of differentiation from mesodermal precursor cells to myoblasts has led to the discovery of a variety of tissue-specific factors that regulate muscle gene expression. The myogenic basic helix-loop-helix proteins, including myoD (MIM 159970), myogenin (MIM 159980), MYF5 (MIM 159990), and MRF4 (MIM 159991) are one class of identified factors. A second family of DNA binding regulatory proteins is the myocyte-specific enhancer factor-2 (MEF2) family. Each of these proteins binds to the MEF2 target DNA sequence present in the regulatory regions of many, if not all, muscle-specific genes. The MEF2 genes are members of the MADS gene family (named for the yeast mating type-specific transcription factor MCM1, the plant homeotic genes 'agamous' and 'deficiens' and the human serum response factor SRF (MIM 600589)), a family that also includes several homeotic genes

and other transcription factors, all of which share a conserved DNA-binding domain.[supplied by OMIM

Other MADS box transcription enhancer factor 2, polypeptide A (myocyte
Designations: enhancer factor 2A)

Related Disease

[Atherosclerosis](#) [Cardiomyopathy](#), [Hypertrophic Cardiovascular Diseases](#)
[Coronary Artery Disease](#) [Diabetes Mellitus](#) [Diabetes Mellitus, Type 2](#) [Edema](#)
[Genetic Predisposition to Disease](#) [Hypertension](#) [Hypertrophy, Left Ventricular](#)
[Insulin Resistance](#) [Myocardial Infarction](#) [Myocardial Ischemia](#) [Polycystic Ovary Syndrome](#)
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