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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

www.szabo-scandic.com

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

MEOX2 monoclonal antibody (M03), clone 6A5

Catalog # : H00004223-M03

規格 : [100 ug]

List All

Specification

Product Description: Mouse monoclonal antibody raised against a full length recombinant MEOX2.

Immunogen: MEOX2 (AAH17021, 1 a.a. ~ 303 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

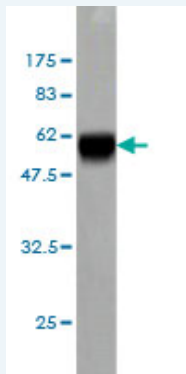
Sequence: MEHPLFGCLRSPHATAQGLHPFSQSSLALHGRSDHMSYPELSTSSSSCII
AGYPNEEGMFASQHHRGHHHHHHHHHHHHHHHHHHHHQQQHQALQTNWHL PQMS
SPPSAARHSLCLQPDSGGPPELGSSPPVLCNSSSSLGSSTPTGAACAP
GDYGRQALSPAEEAKRSGGKRKSDSSDSQEGNYKSEVNSKPRKERTAF
TKEQIRELEAEFAHHNYLTRRRYEIAVNLDLTERQVKVWFQNRMRKWK
RVKGGQQGAAAREKELVNVKKGTL PSELGIGAAATLQQTGDSIANEDS
HSDHSSEHAHL

Host: Mouse

Reactivity: Human, Mouse, Rat

Isotype: IgG1 Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (59.07 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](#)

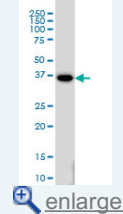
Publication Reference

1. [MicroRNA-130a Mediates Proliferation of Vascular Smooth Muscle Cells in Hypertension.](#)
Wu WH, Hu CP, Chen XP, Zhang WF, Li XW, Xiong XM, Li YJ. *Am J Hypertens.* 2011 Jul 14. doi: 10.1038/ajh.2011.116. [Epub ahead of print]

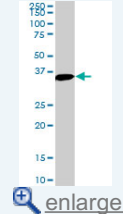
Applications

Application Image

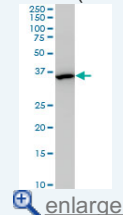
Western Blot (Cell lysate)



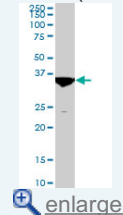
Western Blot (Cell lysate)



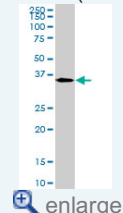
Western Blot (Cell lysate)



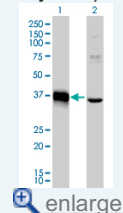
Western Blot (Cell lysate)



Western Blot (Cell lysate)

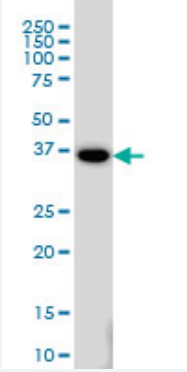


Western Blot (Transfected lysate)



Western Blot (Recombinant)

Western Blot (Cell lysate)

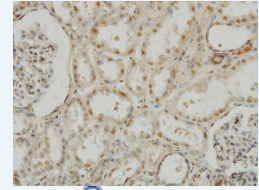


MEOX2 monoclonal antibody (M03), clone 6A5 Western Blot analysis of MEOX2 expression in HeLa (Cat # L013V1).

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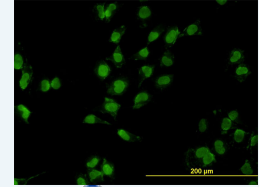
protein)

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



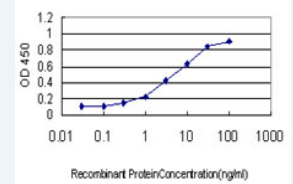
[enlarge](#)

Immunofluorescence



[enlarge](#)

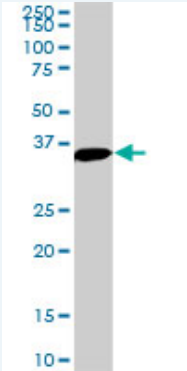
Sandwich ELISA (Recombinant
protein)



[enlarge](#)

ELISA

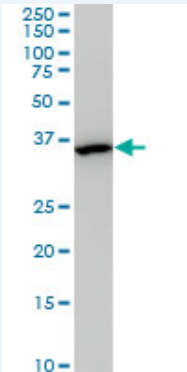
Western Blot (Cell lysate)



MEOX2 monoclonal antibody (M03), clone 6A5. Western Blot analysis of MEOX2 expression in PC-12 (Cat # L012V1).

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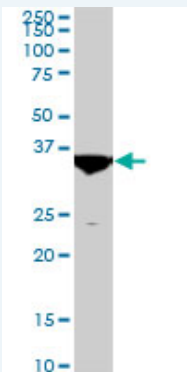
Western Blot (Cell lysate)



MEOX2 monoclonal antibody (M03), clone 6A5. Western Blot analysis of MEOX2 expression in HeLa S3 NE (Cat # L013V3).


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Western Blot (Cell lysate)

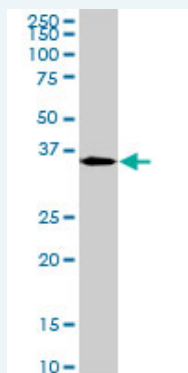


MEOX2 monoclonal antibody (M03), clone 6A5. Western Blot analysis of MEOX2

expression in Raw 264.7 (Cat # L024V1).

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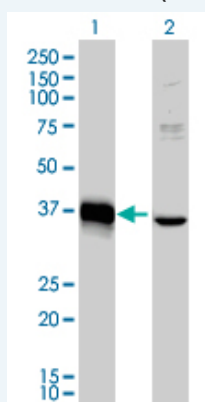
Western Blot (Cell lysate)



MEOX2 monoclonal antibody (M03), clone 6A5. Western Blot analysis of MEOX2 expression in NIH/3T3 (Cat # L018V1).


 [Protocol Download](#)

Western Blot (Transfected lysate)




Western Blot analysis of MEOX2 expression in transfected 293T cell line by MEOX2 monoclonal antibody (M03), clone 6A5.

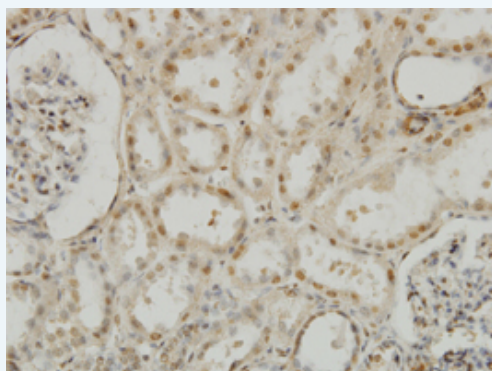
Lane 1: MEOX2 transfected lysate(33 KDa).
Lane 2: Non-transfected lysate.

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Western Blot (Recombinant protein)

 [Protocol Download](#)

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

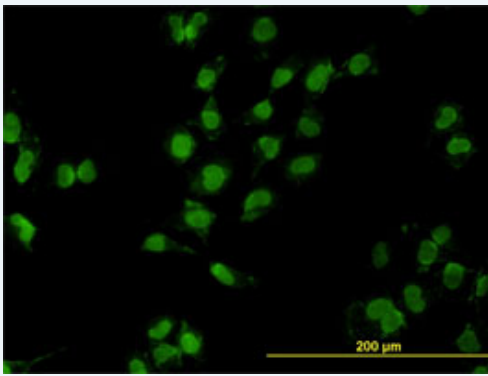


 [enlarge this image](#)

Immunoperoxidase of monoclonal antibody to MEOX2 on formalin-fixed paraffin-embedded human kidney. [antibody concentration 1 ug/ml]

 [Protocol Download](#)

Immunofluorescence

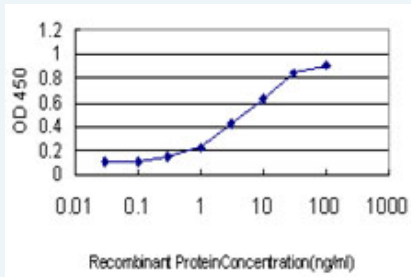


[enlarge this image](#)

Immunofluorescence of monoclonal antibody to MEOX2 on HeLa cell. [antibody concentration 10 ug/ml]

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged MEOX2 is approximately 0.3ng/ml as a capture antibody.

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ELISA

Gene Information

Entrez GeneID: [4223](#)

GeneBank [BC017021](#)

Accession#:

Protein [AAH17021](#)

Accession#:

Gene Name: MEOX2

Gene Alias: GAX,MOX2

Gene Description: mesenchyme homeobox 2

Description:

Omim ID: [600535](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a member of a subfamily of non-clustered, diverged, antennapedia-like homeobox-containing genes. The encoded protein may play a role in the regulation of vertebrate limb myogenesis. Mutations in the related mouse protein may be associated with craniofacial and/or skeletal abnormalities, in addition to neurovascular dysfunction observed in Alzheimer's disease. [provided by RefSeq]

Other Designations: growth arrest-specific homeo box,mesenchyme homeo box 2 (growth arrest-specific homeo box)

Related Disease

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