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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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SARS monoclonal antibody (M01), clone 1H4

Catalog # : H00006301-M01

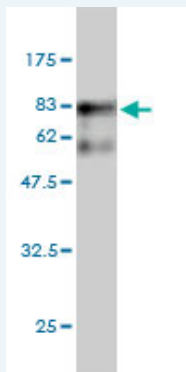
規格 : [100 ug]

List All

Specification

Product Description:	Mouse monoclonal antibody raised against a full length recombinant SARS.
Immunogen:	SARS (AAH00716, 1 a.a. ~ 514 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MVLDDLFRVDKGGDPALIRETQEKRFDKDPGLVDQLVKADSEWRRCRF RADNLNKLKNLCSKTIGEKMKKKEPVGDDSEVPENLSFDDLADALANL KVSQIKKVRLLIDEAILKCAERIKLEAERFENLREIGNLLHPSVPISNDEDV DNKVERIWGDCTVRKKYSHVDLVMMVDGFEKEGAVVAGSRGYFLKGV LVFLEQALIQYALRTLGSRGYIPIYTPFFMRKEVMQEVAQLSQFDEELYK VIGKGSEKSDDNSYDEKYLIATSEQPIAALHRDEWLRPEDLPIKYAGLSTC FRQEVGSHGRDTRGIFRVHQFEKIEQFVYSSPHDNKSWEMFEEMITAE EFYQSLGIPYHIVNIVSGSLNHAASKKLDLEAWFPGSGAFRELVSCSNCT DYQARRLRIRYGQTKKMMDKVEFVHMLNATMCATTRTICAILENYQTEK GITVPEKLKEFMPPGLQELIPFVKPAPIEQEPSKKQKQHEGSKKKAAR DVTLENRLQNMEVTDA
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (82.28 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](#)

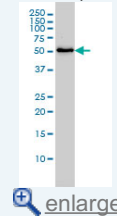
Datasheet: [Download](#)

Publication Reference

1. [tRNA synthetase counteracts c-Myc to develop functional vasculature.](#)
Shi Y, Xu X, Zhang Q, Fu G, Mo Z, Wang GS, Kishi S, Yang X. *eLife*. 2014 Jun 17;3:e02349. doi: 10.7554/eLife.02349.

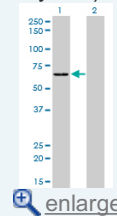
Application Image

Western Blot (Cell lysate)



[enlarge](#)

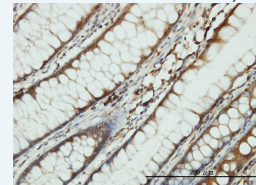
Western Blot (Transfected lysate)



[enlarge](#)

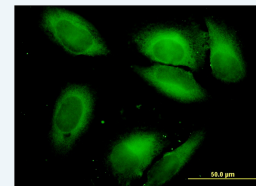
Western Blot (Recombinant protein)

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



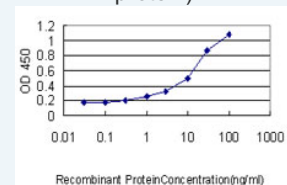
[enlarge](#)

Immunofluorescence



[enlarge](#)

Sandwich ELISA (Recombinant protein)



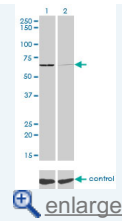
[enlarge](#)

ELISA

RNAi Knockdown (Antibody validated)

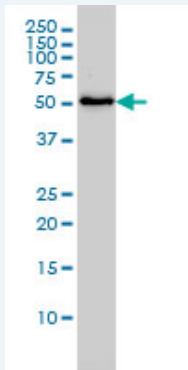
2. miR-1 and miR-206 target different genes to have opposing roles during angiogenesis in zebrafish embryos.

Lin CY, Lee HC, Fu CY, Ding YY, Chen JS, Lee MH, Huang WJ, Tsai HJ Nat Commun. 2013 Nov 22;4:2829. doi: 10.1038/ncomms3829.



Applications

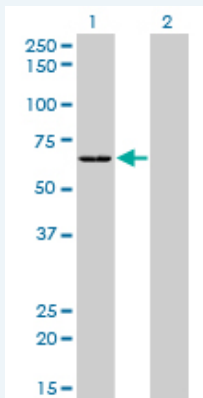
Western Blot (Cell lysate)



SARS monoclonal antibody (M01), clone 1H4 Western Blot analysis of SARS expression in Jurkat (Cat # L017V1).

[Protocol Download](#)

Western Blot (Transfected lysate)



Western Blot analysis of SARS expression in transfected 293T cell line by SARS monoclonal antibody (M01), clone 1H4.

Lane 1: SARS transfected lysate(58.8 KDa).

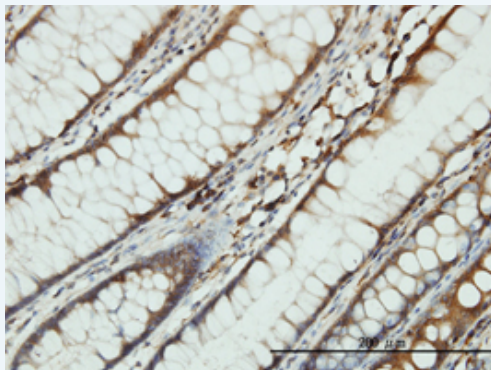
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

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

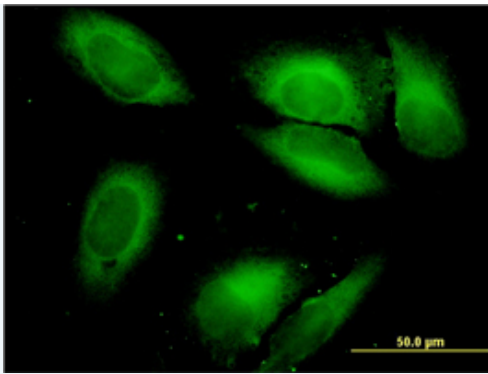


[enlarge this image](#)

Immunoperoxidase of monoclonal antibody to SARS on formalin-fixed paraffin-embedded human colon tissue. [antibody concentration 3 ug/ml]

[Protocol Download](#)

Immunofluorescence

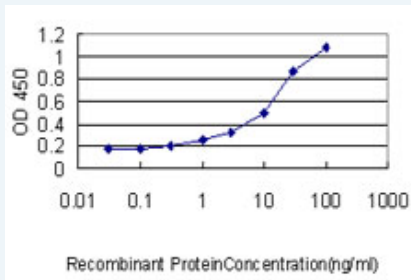


[enlarge this image](#)

Immunofluorescence of monoclonal antibody to SARS on HeLa cell. [antibody concentration 25 ug/ml]

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Sandwich ELISA (Recombinant protein)

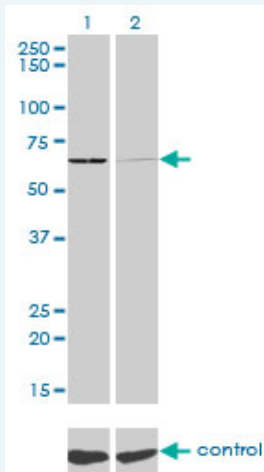


Detection limit for recombinant GST tagged SARS is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

RNAi Knockdown (Antibody validated)



Western blot analysis of SARS over-expressed 293 cell line, cotransfected with SARS Validated Chimera RNAi (Cat # H00006301-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with SARS monoclonal antibody (M01), clone 1H4 (Cat # H00006301-M01). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

Gene Information

Entrez GeneID: [6301](#)

GeneBank [BC000716](#)

Accession#:

Protein [AAH00716](#)

Accession#:

Gene Name: SARS

Gene Alias: FLJ36399,SERRS,SERS

Gene Description: seryl-tRNA synthetase

Omim ID: [607529](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene belongs to the class II amino-acyl tRNA family. The encoded enzyme catalyzes the transfer of L-serine to tRNA (Ser) and is related to bacterial and yeast counterparts. [provided by RefSeq]

Other Designations: OTTHUMP00000013432,serine tRNA ligase 1, cytoplasmic,serine-tRNA ligase

Gene Pathway

[Aminoacyl-tRNA biosynthesis](#)

Related Disease

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

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