



SZABO SCANDIC

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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

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MVK monoclonal antibody (M02), clone 2C5

Catalog # : H00004598-M02

規格 : [100 ug]

[List All](#)

Specification

Product Description: Mouse monoclonal antibody raised against a partial recombinant MVK.

Immunogen: MVK (AAH16140, 297 a.a. ~ 396 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

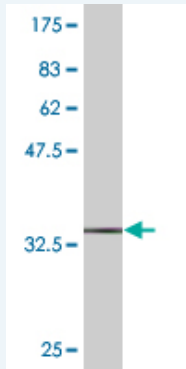
Sequence: LIDMNQHHLNALGVGHASLDQLCQVTRARGLHSLKLTGAGGGGCGITLLK
PGLEQPEVEATKQALTSCGFDCLETSGAPGVSIHSATSLDSRVQQALD
GL

Host: Mouse

Reactivity: Human

Isotype: IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.74 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](#)

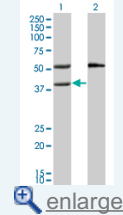
Datasheet: [Download](#)

Applications

Western Blot (Transfected lysate)

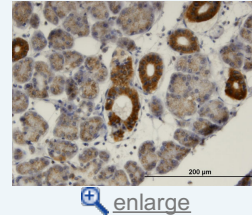
Application Image

Western Blot (Transfected lysate)

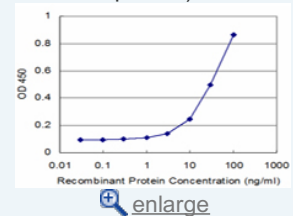


Western Blot (Recombinant protein)

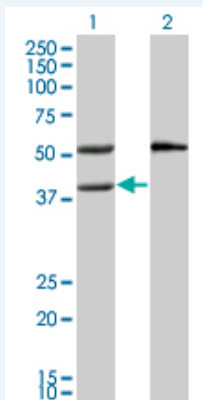
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



Sandwich ELISA (Recombinant protein)



ELISA



Western Blot analysis of MVK expression in transfected 293T cell line by MVK monoclonal antibody (M02), clone 2C5.

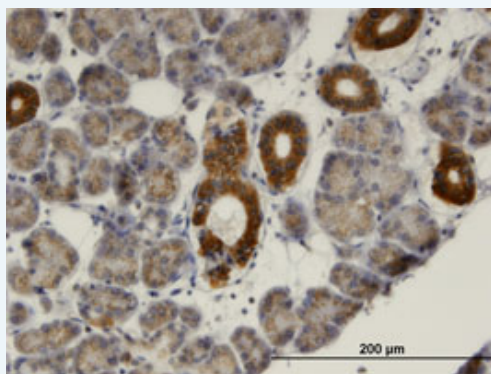
Lane 1: MVK transfected lysate(42.451 KDa).
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

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

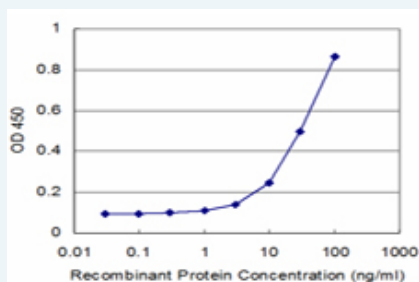


[enlarge this image](#)

Immunoperoxidase of monoclonal antibody to MVK on formalin-fixed paraffin-embedded human salivary gland. [antibody concentration 3 ug/ml]

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged MVK is approximately 3ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [4598](#)

GeneBank [BC016140](#)
Accession#:

Protein [AAH16140](#)
Accession#:

Gene Name: MVK

Gene Alias: FLJ96772,LRBP,MK,MVLK

Gene Description: mevalonate kinase

Omim ID: [251170](#), [260920](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes the peroxisomal enzyme mevalonate kinase. Mevalonate is a key intermediate, and mevalonate kinase a key early enzyme, in isoprenoid and sterol synthesis. Mevalonate kinase deficiency caused by mutation of this gene results in mevalonic aciduria, a disease characterized psychomotor retardation, failure to thrive, hepatosplenomegaly, anemia and recurrent febrile crises. Defects in this gene also cause hyperimmunoglobulinaemia D and periodic fever syndrome, a disorder characterized by recurrent episodes of fever associated with lymphadenopathy, arthralgia, gastrointestinal dismay and skin rash. Two transcript variants that encode the same protein have been found for this gene. [provided by RefSeq]

Other Designations: LH receptor mRNA-binding protein,mevalonic aciduria

Gene Pathway

[Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
[Biosynthesis of plant hormones](#) [Biosynthesis of terpenoids and steroids](#)
[Metabolic pathways](#) [Terpenoid backbone biosynthesis](#)

Related Disease

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