



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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MVD monoclonal antibody (M01), clone 2A7

Catalog # : H00004597-M01

規格 : [100 ug]

[List All](#)

Specification

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

Immunogen: MVD (NP_002452, 301 a.a. ~ 398 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

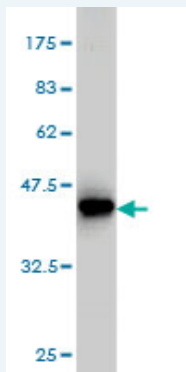
Sequence: AYTFDAGPNAVIFTLDDTVAEFVAAVWHGFPPGNSGDTFLKGLQVRPAPLSAELQAALAMEPTPGGVKYIIVTQVGPQPQLDDPCAHLGLPDGLPKP

Host: Mouse

Reactivity: Human

Isotype: IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.52 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](#)

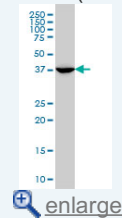
Datasheet: [Download](#)

Applications

Western Blot (Cell lysate)

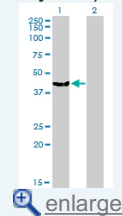
Application Image

Western Blot (Cell lysate)



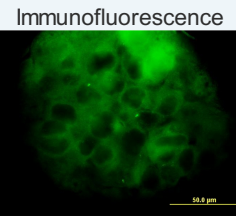
[enlarge](#)

Western Blot (Transfected lysate)



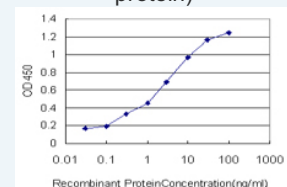
[enlarge](#)

Western Blot (Recombinant protein)



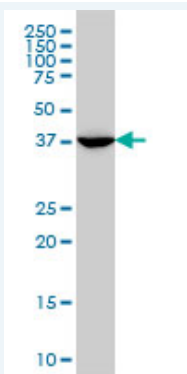
[enlarge](#)

Sandwich ELISA (Recombinant protein)



[enlarge](#)

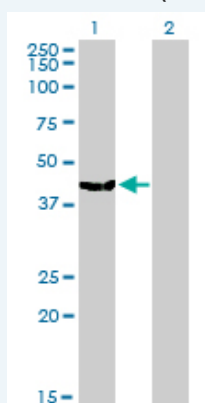
ELISA



MVD monoclonal antibody (M01), clone 2A7 Western Blot analysis of MVD expression in A-431 (Cat # L015V1).

 [Protocol Download](#)

Western Blot (Transfected lysate)




Western Blot analysis of MVD expression in transfected 293T cell line by MVD monoclonal antibody (M01), clone 2A7.

Lane 1: MVD transfected lysate(43.4 KDa).

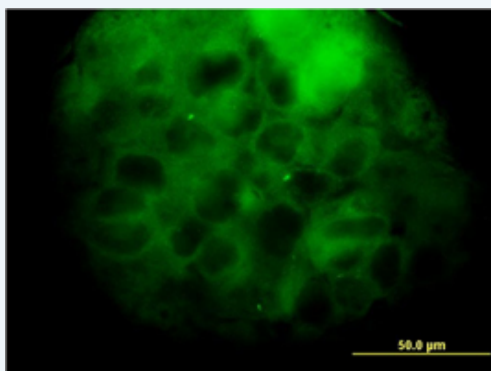
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Western Blot (Recombinant protein)


 [Protocol Download](#)

Immunofluorescence

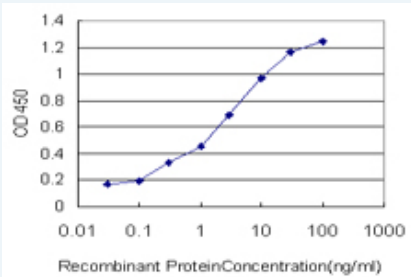


 [enlarge this image](#)


Immunofluorescence of monoclonal antibody to MVD on A-431 cell. [antibody concentration 10 ug/ml]

 [Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged MVD is approximately 0.1ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [4597](#)

GeneBank [NM_002461](#)

Accession#:

Protein [NP_002452](#)

Accession#:

Gene Name: MVD

Gene Alias: FP17780,MPD

Gene Description: mevalonate (diphospho) decarboxylase

Omim ID: [603236](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The enzyme mevalonate pyrophosphate decarboxylase catalyzes the conversion of mevalonate pyrophosphate into isopentenyl pyrophosphate in one of the early steps in cholesterol biosynthesis. It decarboxylates and dehydrates its substrate while hydrolyzing ATP. [provided by RefSeq]

Other Designations: diphosphomevalonate decarboxylase,mevalonate pyrophosphate decarboxylase

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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