



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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RRM1 monoclonal antibody (M07), clone 2G6

Catalog # : H00006240-M07

規格 : [100 ug]

[List All](#)

Specification

Product Description: Mouse monoclonal antibody raised against a partial recombinant RRM1.

Immunogen: RRM1 (NP_001024.1, 593 a.a. ~ 792 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

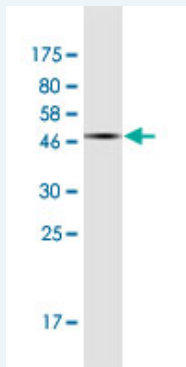
Sequence:
 IRNSLLIAPMPTASTAQILGNNEIEPYTSNIYTRRVLSGEFQIVNPHLLKDL
 TERGLWHEEMKNQIIACNGSIQSIPEIPDDLKQLYKTVWEISQKTVLKMAA
 ERGAFIDQSQSLNIHIAEPNYGKLTSMHFYGWKQGLKTGMYYLRTRPAA
 NPIQFTLNKEKLDKEKVSKEEEEKERNTAAMVCSLENRDECLMCGS

Host: Mouse

Reactivity: Human

Isotype: IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (47.41 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](#)

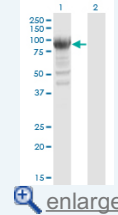
Datasheet: [Download](#)

Applications

Western Blot (Transfected lysate)

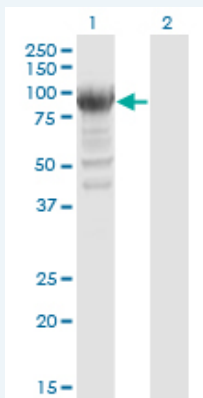
Application Image

Western Blot (Transfected lysate)




Western Blot (Recombinant protein)

ELISA




Western Blot analysis of RRM1 expression in transfected 293T cell line by RRM1 monoclonal antibody (M07), clone 2G6.

Lane 1: RRM1 transfected lysate (Predicted MW: 90.1 kDa).
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Western Blot (Recombinant protein)

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [6240](#)

GeneBank [NM_001033.2](#)
Accession#:

Protein [NP_001024.1](#)
Accession#:

Gene Name: RRM1

Gene Alias: R1,RIR1,RR1

Gene ribonucleotide reductase M1
Description:

Omim ID: [180410](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes one of two non-identical subunits that constitute ribonucleoside-diphosphate reductase, an enzyme essential for the production of deoxyribonucleotides prior to DNA synthesis in S phase of dividing cells. It is one of several genes located in the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. This gene may play a role in malignancies and disease that involve this region. [provided by RefSeq]

Other Designations: ribonucleoside-diphosphate reductase M1 chain,ribonucleotide reductase M1 polypeptide,ribonucleotide reductase, R1 subunit,ribonucleotide reductase, large subunit

Gene Pathway

[Glutathione metabolism](#) [Metabolic pathways](#) [Purine metabolism](#) [Pyrimidine metabolism](#)

Related Disease

[Abortion](#), [Spontaneous Adenocarcinoma](#), [Breast cancer](#), [Breast Neoplasms](#),
[Carcinoma, Large Cell](#), [Carcinoma, Non-Small-Cell Lung](#), [Carcinoma, Pancreatic Ductal](#),
[Carcinoma, Squamous Cell](#), [Esophageal Neoplasms](#), [Genetic Predisposition to Disease](#),
[Head and Neck Neoplasms](#), [Kidney Failure](#), [Chronic Lung Neoplasms](#),
[Neoplasm Recurrence, Local](#), [Neoplasms, Second Primary](#), [Neutropenia](#),
[Pancreatic Neoplasms](#)

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