SZABO SCANDIC

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Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- 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

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

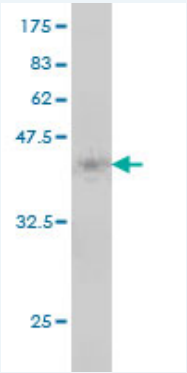
MTRR monoclonal antibody (M01), clone 1G7

Catalog # : H00004552-M01 **規格 :** [100 ug]

List All

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant MTRR.
Immunogen:	MTRR (NP_002445, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MRRFLLLYATQQGQAKAIAEEMCEQAVVHGFSADLHCISESDKYDLKTE TAPLVVVVSTTGTGDPPDTARKFVKEIQNQTLPVDFFAHLRYGLLGLGD SEYTYFCNGGKI
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa
Quality Control Testing:	Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (37.84 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. Diflavin Oxidoreductases Activate the Bioreductive Prodrug PR-104A under Hypoxia. Guise CP, Abbattista MR, Tipparaju SR, Lambie NK, Su J, Li D, Wilson WR, Dachs GU, Patterson AV.Mol Pharmacol. 2012 Jan;81(1):31-40. Epub 2011 Oct 7.

Applications

Western Blot (Recombinant protein)

Protocol Download

ELISA

Application Image

Western Blot (Recombinant protein)

ELISA

Gene Information

Entrez GeneID: 4552

GeneBank Accession#: NM_002454

Protein Accession#: NP_002445

Gene Name: MTRR

Gene Alias: MGC129643,MSR

Gene Description: 5-methyltetrahydrofolate-homocysteine methyltransferase reductase

Omim ID: 236270, 601634, 602568

Gene Ontology: Hyperlink

Gene Summary: Methionine is an essential amino acid required for protein synthesis and one-carbon metabolism. Its synthesis is catalyzed by the enzyme methionine synthase. Methionine synthase eventually becomes inactive due to the oxidation of its cob(I)alamin cofactor. The protein encoded by this gene regenerates a functional methionine synthase via reductive methylation. It is a member of the ferredoxin-NADP(+) reductase (FNR) family of electron transferases. Patients of the cbl-E complementation group of disorders of folate/cobalamin metabolism are defective in reductive activation of methionine synthase. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq

Other Designations: [methionine synthase]-cobalamin methyltransferase (cob(II)alamin reducing),methionine synthase reductase

Related Disease

Abnormalities Abruptio Placentae Adenocarcinoma Adenoma Adrenoleukodystrophy Adrenoleukodystrophy Alcoholism Alzheimer disease Anemia, Iron-Deficiency Aortic Aneurysm, Abdominal Arthritis, Rheumatoid Atherosclerosis Atherosclerosis Autistic Disorder Avitaminosis Azoospermia Birth Weight Brain Ischemia Brain Neoplasms

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