



# SZABO SCANDIC

Part of Europa Biosite

## 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

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### MCM2 (phospho Ser40) recombinant monoclonal antibody, clone R03-1B3

**Catalog Number:** RAB01781

**Regulatory Status:** For research use only (RUO)

**Product Description:** Rabbit recombinant monoclonal antibody raised against human MCM2.

**Clone Name:** R03-1B3

**Immunogen:** Original antibody is raised against a synthetic phosphopeptide corresponding to residues surrounding Ser40 of human MCM2.

**Theoretical MW (kDa):** Calculated MW: 102 k

**Antibody Species:** Rabbit

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Purification:** Affinity purification

**Isotype:** IgG

**Recommend Usage:** Immunohistochemistry (1/50-1/100)

Immunoprecipitation (1/20)

Western Blot (1/500-1/1000)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

**Storage Instruction:** Store at -20 °C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 4171

**Gene Symbol:** MCM2

**Gene Alias:** BM28, CCNL1, CDCL1, D3S3194,

KIAA0030, MGC10606, MITOTIN, cdc19

**Gene Summary:** The protein encoded by this gene is one of the highly conserved mini-chromosome maintenance proteins (MCM) that are involved in the initiation of eukaryotic genome replication. The hexameric protein complex formed by MCM proteins is a key component of the pre-replication complex (pre\_RC) and may be involved in the formation of replication forks and in the recruitment of other DNA replication related proteins. This protein forms a complex with MCM4, 6, and 7, and has been shown to regulate the helicase activity of the complex. This protein is phosphorylated, and thus regulated by, protein kinases CDC2 and CDC7. [provided by RefSeq]