



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## RFC5 monoclonal antibody (M01), clone 1B1

Catalog # : H00005985-M01

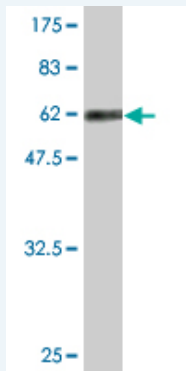
規格 : [ 100 ug ]

[List All](#)

### Specification

<b>Product Description:</b>	Mouse monoclonal antibody raised against a full-length recombinant RFC5.
<b>Immunogen:</b>	RFC5 (AAH13961, 1 a.a. ~ 340 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence:</b>	METSALKQQEQPAATKIRNLPWVEKYRPQTLNDLISHQDILSTIQKFINED RLPHLLLYGPPGTGKTSTILACAKQLYKDKEFGSMVLELNASDDRGIDIIR GPILSFASTRTIFKKGFKLVILDEADAMTQDAQNALRRVIEKFTENTRFCLI CNYLSKIIPALQSRCTRFRFGPLTPELMAPRLEHVVEEEKVDISEDGMKAL VTLSSGDMRRALNILQSTNMAFGKVTETVYTCTGHPLKSDIANILDWML NQDFTTAYRNITELKTLKGLALHDILTEIHLFVHRVDFPSSVRIHLLTKMADI EYRLSVGTNEKIQLSLIAAFQVTRDLVAEA
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Isotype:</b>	IgG2a Kappa

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (63.14 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](#)

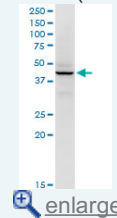
**Datasheet:** [Download](#)

### Applications

**Western Blot (Cell lysate)**

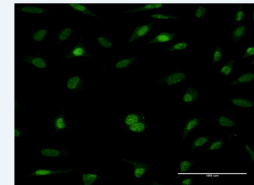
### Application Image

Western Blot (Cell lysate)



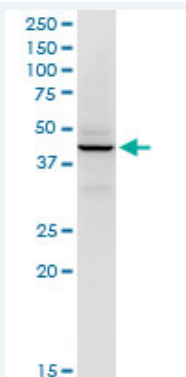
Western Blot (Recombinant protein)

Immunofluorescence



[enlarge](#)

ELISA



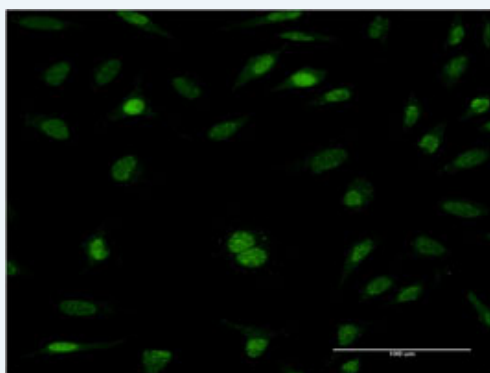
RFC5 monoclonal antibody (M01), clone 1B1. Western Blot analysis of RFC5 expression in Jurkat.

[Protocol Download](#)

### Western Blot (Recombinant protein)

[Protocol Download](#)

### Immunofluorescence



[enlarge this image](#)

Immunofluorescence of monoclonal antibody to RFC5 on HeLa cell . [antibody concentration 10 ug/ml]

[Protocol Download](#)

### ELISA

### Gene Information

Entrez GeneID: [5985](#)

GeneBank [BC013961](#)  
Accession#:

Protein [AAH13961](#)  
Accession#:

Gene Name: RFC5

Gene Alias: MGC1155,RFC36

Gene Description: replication factor C (activator 1) 5, 36.5kDa

Omim ID: [600407](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** The elongation of primed DNA templates by DNA polymerase delta and DNA polymerase epsilon requires the accessory proteins proliferating cell nuclear antigen (PCNA) and replication factor C (RFC). RFC, also named activator 1, is a protein complex consisting of five distinct subunits of 140, 40, 38, 37, and 36 kD. This gene encodes the 36 kD subunit. This subunit can interact with the C-terminal region of PCNA. It

forms a core complex with the 38 and 40 kDa subunits. The core complex possesses DNA-dependent ATPase activity, which was found to be stimulated by PCNA in an in vitro system. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]

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**Other Designations:** A1 36 kDa subunit,RFC, 36.5 kD subunit,activator 1 36 kDa subunit,replication factor C (activator 1) 5 (36.5kD),replication factor C 5

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### Gene Pathway

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[DNA replication](#) [Mismatch repair](#) [Nucleotide excision repair](#)

### Related Disease

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[Genetic Predisposition to Disease](#) [Graft vs Host Disease](#) [Multiple Sclerosis](#)  
[Urinary Bladder Neoplasms](#)

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