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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

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RFC2 purified MaxPab mouse polyclonal antibody (B02P) MaxPab®

Catalog # : H00005982-B02P

規格 : [50 ug]

[List All](#)

Specification

Product Description: Mouse polyclonal antibody raised against a full-length human RFC2 protein.

Immunogen: RFC2 (NP_002905.2, 1 a.a. ~ 320 a.a) full-length human protein.

Sequence:
 MEVEAVCGGAGEVEAQSDPAPAFSKAPGSAGHYELPWVEKYRPVKLN
 EIVGNEDTVSRLEVFAREGNVFNIIAGPPGTGKTTILCLARALLGPALKD
 AMLELNASNDSMTDGAQQALRRRTMEIYSKTRFALACNASDKIIEPIQSRC
 AVLRYTKLTDAQILTRLMNVEKERVPTDDGLEAIFTAQGDMRQALNNL
 QSTFSGFGFINSENVFKVCDEPHLLVKEMIQHCYNANIDEAYKILAHLWH
 LGYSPEDIIGNIFRVCKTFQMAEYLKLEFIKEIGYTHMKIAEGVNSLLQMAG
 LLARLCQKTMAPVAS

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

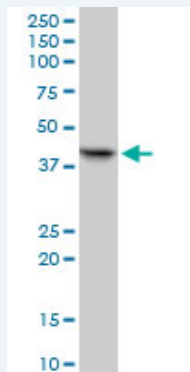
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Cell lysate)



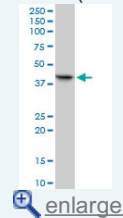
RFC2 MaxPab polyclonal antibody. Western Blot analysis of RFC2 expression in HeLa.

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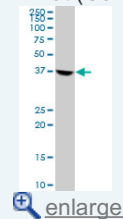
Western Blot (Cell lysate)

Application Image

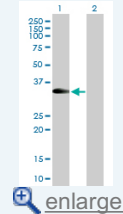
Western Blot (Cell lysate)



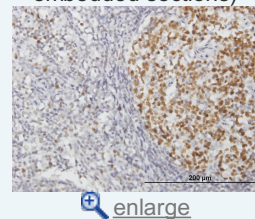
Western Blot (Cell lysate)



Western Blot (Transfected lysate)

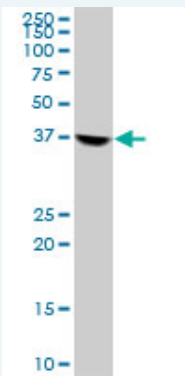


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



Immunofluorescence

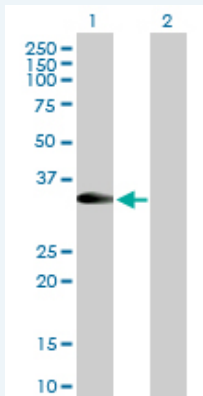




RFC2 MaxPab polyclonal antibody. Western Blot analysis of RFC2 expression in HL-60.

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Western Blot (Transfected lysate)



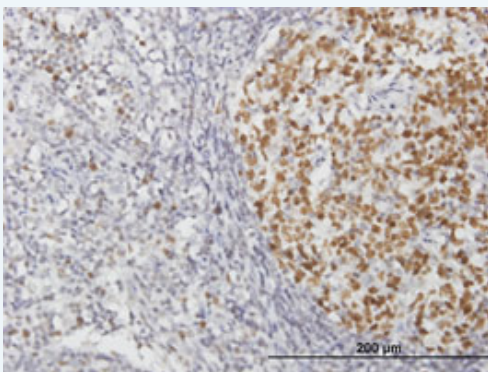
Western Blot analysis of RFC2 expression in transfected 293T cell line ([H00005982-T02](#)) by RFC2 MaxPab polyclonal antibody.

Lane 1: RFC2 transfected lysate(35.2 KDa).

Lane 2: Non-transfected lysate.

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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

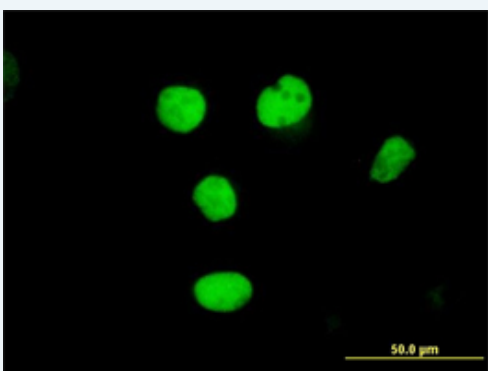


[enlarge this image](#)

Immunoperoxidase of purified MaxPab antibody to RFC2 on formalin-fixed paraffin-embedded human lymph node. [antibody concentration 3 ug/ml]

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Immunofluorescence



[enlarge this image](#)

Immunofluorescence of purified MaxPab antibody to RFC2 on HeLa cell. [antibody concentration 10 ug/ml]

 [Protocol Download](#)

Gene Information

Entrez GeneID: [5982](#)

**GeneBank
Accession#:** [NM_002914](#)

**Protein
Accession#:** [NP_002905.2](#)

Gene Name: RFC2

Gene Alias: A1,MGC3665,RFC40

**Gene
Description:** replication factor C (activator 1) 2, 40kDa

Omim ID: [600404](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The elongation of primed DNA templates by DNA polymerase delta and epsilon requires the action of the accessory proteins, proliferating cell nuclear antigen (PCNA) and replication factor C (RFC). RFC, also called activator 1, is a protein complex consisting of five distinct subunits of 145, 40, 38, 37, and 36.5 kD. This gene encodes the 40 kD subunit, which has been shown to be responsible for binding ATP. Deletion of this gene has been associated with Williams syndrome. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq]

**Other
Designations:** activator 1,replication factor C 2

Gene Pathway

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

Related Disease

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[Urinary Bladder Neoplasms](#)

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