

## Anti-Replication factor C subunit 1 RFC1 Antibody Picoband® APC Conjugated

Catalog Number: PA1716-APC

### About RFC1

RFC (Replication Factor C), also called activator-1, is a multimeric primer-recognition protein consisting of 5 distinct subunits of 145, 40, 38, 37, and 36.5 kD. Human RFC was purified from extracts of HeLa cells as a host factor essential for the in vitro replication of simian virus 40 (SV40) DNA. RFC, in the presence of ATP, assembles proliferating-cell nuclear antigen and DNA polymerase-delta or polymerase-epsilon on primed DNA templates. Tight interfacial coordination of the ATP analog ATP-gamma-S by RFC resulted in a spiral arrangement of the ATPase domains of the clamp loader above the PCNA ring.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-Replication factor C subunit 1 RFC1 Antibody Picoband® APC Conjugated                                   |
| Reactive Species     | Human  |
| Application          | Flow Cytometry   |
| Clonality            | Polyclonal   |
| Formulation          | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.         |
| Host                 | Rabbit   |
| Uniprot ID           | P35251   |

### Technical Details

|                     |  |
|---------------------|--|
| Immunogen           | A synthetic peptide corresponding to a sequence at the N-terminus of human RFC1. |
| Cross Reactivity    | No cross-reactivity with other proteins  |
| Isotype             | Rabbit IgG   |
| Form                | Liquid   |
| Concentration       | 0.5 mg/mL  |
| Purification        | Immunogen affinity purified.   |
| Conjugate           | APC<br>Excitation Wavelength: 633-647 nm<br>Emission Wavelength: 660 nm          |
| Suggested Dilutions | Flow Cytometry, Optimal dilutions should be determined by end users.             |

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