

QED Bioscience Inc.

ADVANCED ANTIBODY TECHNOLOGIES

Replication Factor C p37 Monoclonal Antibody

ORDERING INFORMATION

Catalog No.: 56253 (clone 1320)

Size: 100 ug Protein G-purified antibody at 1 mg/ml in PBS, pH 7.4.

SPECIFICATION SUMMARY

Antigen: Recombinant protein corresponding to the p37 subunit of human Replication Factor C expressed in E. coli.

Host Species: Mouse

Antibody Class: IgG2b

Stabilizers: None

Preservatives: None. Available on request.

SPECIFICITY

This antibody recognizes the p37 subunit of human and yeast (*S. cerevisiae*) Replication Factor C (RFC). RFC is a heteropentameric protein consisting of p140, p40, p38, p37, and p36 subunits, RFC participates in targeting DNA polymerase δ processivity factor (PCNA) on to a primed DNA template during DNA synthesis and repair. RFC has also been associated with DNA repair in conjunction with a PCNA-like heterotrimer of Hus1, Rad1, and Rad9.

APPLICATIONS

Immunoblotting: use at 1:2,000 dilution.

A band of 37 kD is detected.

Positive controls: HeLa cell lysate.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -70°C . Avoid multiple freeze-thaw cycles.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.