

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

DNA Ligase III Monoclonal Antibody

ORDERING INFORMATION

Catalog No.: 56220

Size: 100 ug Protein G-purified antibody in PBS, pH 7.4

SPECIFICATION SUMMARY

Antigen: Recombinant human DNA Ligase III (aa 1-862) purified from baculovirus infected Sf9 cells.

Host Species: Mouse

Antibody Class: IgG1/ κ

Stabilizers: None

Preservatives: None. Available on request.

SPECIFICITY

This antibody recognizes human DNA Ligase III, one of the four ligase proteins found in mammalian cells that are required for the joining of DNA strand breaks that occur during DNA replication, repair, and recombination. DNA Ligase III is found as an α -form (100 kD) in somatic tissues and as a β -form (97 kD) in testis.

APPLICATIONS

Immunoblotting: use at 1-5 ug/ml.

Positive controls: MCF-7 and T24 cells or recombinant protein.

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.