

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

Anti-p53 Monoclonal Antibody

ORDERING INFORMATION

Catalog No.: 34037 (clone PAb1801)
Size: 100ug in PBS, pH 7.4; 50% glycerol, 0.09% sodium azide. Purified by Protein A affinity chromatography.

BACKGROUND

p53 is a DNA-binding, cell cycle-regulating transcription factor that governs cell division. It plays a critical role in tumor suppression and has been referred to as “the guardian angel gene” or “the master watchman”. Defects in p53 are linked to >50% of human cancers and restoring p53 function to cancer cells can induce growth arrest and apoptosis. Damaged p53 can also lead to autoimmune disorders.

SPECIFICATION SUMMARY

Antigen: Fusion protein corresponding to aa 46-53 of human p53.

Host Species: Mouse

Antibody Class: IgG1

SPECIFICITY

This antibody recognizes human p53.

APPLICATIONS

ELISA, Immunoblotting (1:1,000-1:2,000), Immunohistochemistry (1:100-1:250), Immunoprecipitation (10ug/mg).

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 -20°C. Avoid repeated freezing and thawing.

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