

# QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

## p53 Monoclonal Antibody

### ORDERING INFORMATION

**Catalog No.:** 3340

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

### SPECIFICATION SUMMARY

**Antigen:** Beta galactosidase fusion protein corresponding to aa 14-389 of human p53.

**Host Species:** Mouse

**Antibody Class:** IgG1/k

**Stabilizers:** None

**Preservatives:** None. Available on request.

### SPECIFICITY

This antibody recognizes human p53, a tumor suppressor protein that is mutated in a wide variety of cancers. p53 is a nuclear protein that mediates cell cycle arrest in response to DNA damage which is important in maintaining genomic stability.

### APPLICATIONS

*Immunoblotting, immunoprecipitation, immunohistochemistry, and fluorescence-activated cell sorting: use at 1-5 ug/ml.*

*Positive control:* HBL 100 cells.

### 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.

### REFERENCES

Iggo R et al. 1990. Lancet 335: 675-679; Gannon JV et al. 1990. EMBO 9: 1595-1602; Said JW et al. 1992. Amer J Path 141: 1343-1348; Bartek J et al. 1991. Oncogene 6: 1699-1703.

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