

p53 Monoclonal Antibody

ORDERING INFORMATION

Catalog No.: 3339

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

SPECIFICATION SUMMARY

Antigen: Recombinant human p53 expressed in *E. coli*.

Host Species: Mouse

Antibody Class: IgG2a/ κ

Stabilizers: None

Preservatives: None. Available on request.

SPECIFICITY

This antibody recognizes an epitope within aa 20-25 at the N-terminus of human p53. p53 is a nuclear protein and tumor suppressor that is mutated in a wide variety of cancers. It mediates cell cycle arrest in response to DNA damage, making it important in the maintenance of genomic stability.

APPLICATIONS

Immunoblotting, immunoprecipitation, immunohistochemistry, and ELISA: 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.

REFERENCE

Vojtesek B. 1992. J Immunol Meth 151: 237-244.

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