

Rad50 Monoclonal Antibody

ORDERING INFORMATION

Catalog No.: 56213

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

SPECIFICATION SUMMARY

Antigen: GST fusion protein corresponding to the complete coding region (aa 1-425) of Rad50 expressed in *E. coli*.

Host Species: Mouse

Antibody Class: IgG1/ κ

Stabilizers: None

Preservatives: None. Available on request.

SPECIFICITY

This antibody recognizes human Rad50, a 153 kD protein involved in DNA double strand break repair. Rad50 is associated with Mre11 and p95 (Nibrin) to form a multiprotein complex. Following DNA damage, Rad50 and Mre11 redistribute and are co-localized within the nucleus of damaged cells.

APPLICATIONS

Immunoblotting, immunoprecipitation: use at 0.1-2 ug/ml.

Positive control: Raji 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.

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