

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

Human Transcription Factor IIB Monoclonal Antibody

ORDERING INFORMATION

Catalog No.: 70103 (IIB8).

Size: 200 ug Protein G purified antibody in PBS, pH 7.4.

SPECIFICATION SUMMARY

Antigen: Partially purified recombinant human transcription factor IIB (TFIIB, Promega Corp.).

Host Species: Mouse.

Antibody Class: IgG2a.

Preservatives: None. Available on request.

SPECIFICITY

This antibody recognizes an epitope within amino acids 52-105 of human and mouse TFIIB.

APPLICATIONS

This antibody may be used in ELISA, Western blot, or electrophoretic mobility (gel shift) assays to identify human TFIIB. It can also immuno-deplete

TFIIB from cell nuclear extracts and inhibit transcription of TFIIB from cell nuclear extracts. This antibody is polyol-responsive and can be used for gentle purification of TFIIB.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

These antibodies are stable for at least one (1) year at -20°C to -70°C. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.

REFERENCE

Thompson NE and Burgess RR. 1994. *Protein Expression Purification* **5**: 468-475; Thompson NE et al. 1995. *J Biol Chem* **270**: 4735-4740.

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