

# 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*