

TFIIB monoclonal antibody

Catalog: MB0045

Host: Mouse

Reactivity: Human

BackGround:

Such factors can be divided into two major functional classes: the basal factors that are required for transcription of all Pol II genes, including TFIIA, TFIIB, TFIID, TFIIE, TFIIF and TFIH; and sequence-specific factors that regulate gene expression. The basal transcription factors and Pol II form a specific multiprotein complex near the transcription start site by interacting with core promoter elements such as the TATA box generally located 25-30 base pairs upstream of the transcription start site. Template commitment is established by the initial binding of TFIID to the "TATA" element of the promoter, a step which may be facilitated by TFIIA. TFIIB then acts as the bridge between TFIID and RNA polymerase II.

Product:

Mouse IgG2b. Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol

Molecular Weight:

Predicted band size: 35KDa

Observed band size: 37KDa

Swiss-Prot:

Q00403

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:1000

ICC: 1:50~200

IHC: 1:500

Storage&Stability:

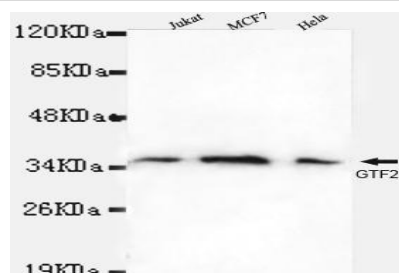
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

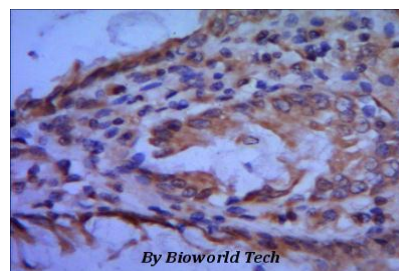
This antibody detects endogenous levels of TFIIB and

does not cross-react with related proteins

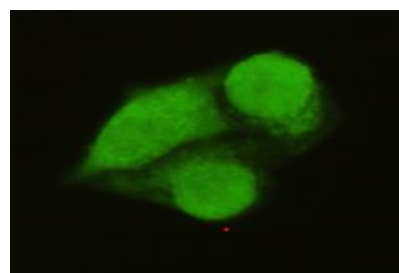
DATA:



Western blot detection of TFIIB in Jurkat, MCF7&HeLa cell lysates using TFIIB antibody (1:1000 diluted).



IHC of paraffin-embedded human colon using anti- TFIIB diluted 1/500-1/1000.



Immunocytochemistry of HeLa cells using anti- TFIIB antibody diluted 1:50.

Note:

For research use only, not for use in diagnostic procedure.

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