

## GTF2B/ TFIIB (Transcription Factor 2B) Antibody

Mouse Monoclonal Antibody [Clone PCRP-GTF2B-1D1]

Catalog No	Format	Size
2959-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
2959-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
2959-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

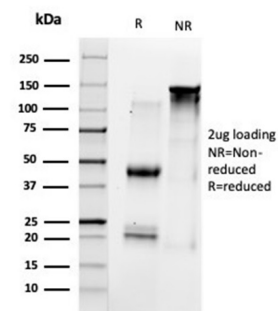
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	

### Product Details

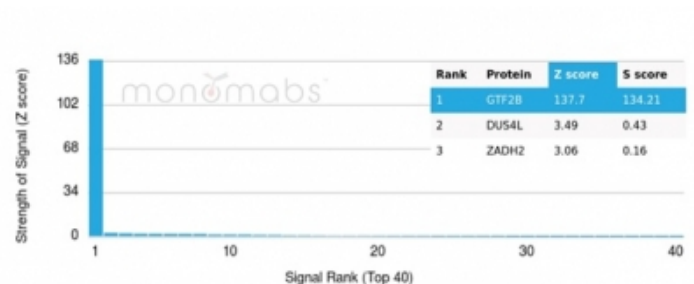
<b>Clone</b>	PCRP-GTF2B-1D1
<b>Gene Name</b>	GTF2B
<b>Immunogen</b>	Recombinant full-length human GTF2Bprotein
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype / Light Chain</b>	IgG2b
<b>Mol. Weight of Antigen</b>	34.8kDa
<b>Cellular Localization</b>	Chromosome, Nucleus
<b>Species Reactivity</b>	Human
<b>Positive Control</b>	HeLa or MCF-7 cells.

\*Optimal dilution for a specific application should be determined.

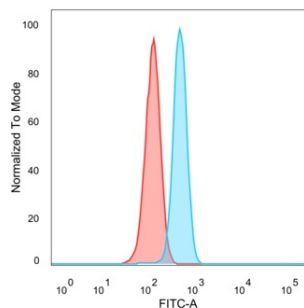
### Product Images for GTF2B/ TFIIB (Transcription Factor 2B) Antibody



SDS-PAGE Analysis Purified GTF2B Mouse Monoclonal Antibody (PCRP-GTF2B-1D1). Confirmation of Purity and Integrity of Antibody.



SDS-PAGE Analysis of Purified GTF2B Mouse Monoclonal Antibody (PCRP-GTF2B-1D1). Confirmation of Purity and Integrity of Antibody.



Flow cytometric analysis of PFA-fixed HeLa cells. GTF2B Mouse Monoclonal Antibody (PCRP-GTF2B-1D1) followed by goat anti-mouse IgG-CF488 (blue); isotype control (red).

### Specificity & Comments

In eukaryotic systems, initiation of transcription from protein-coding genes is a complex process requiring RNA polymerase II and broad families of auxiliary transcription factors. 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, TFIIIE, TFIIF and TFIIH; 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.

### Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

### Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

### Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

### Research Areas

Infectious Disease, Nuclear Marker, Transcription Factors