



NeoClone Biotechnology
International
1202 Ann St.
Madison, WI 53713-2410
USA

Tel 608 . 260 . 8190
Fax 608 . 260 . 8192

Technical data

MAb to human TFIIB eukaryotic transcription factor

TFIIB is a human transcription factor. This antibody cross-reacts with most mammalian TFIIBs and recognizes Softag 3 epitope tagged proteins.

Technical Data	
Catalog Number	W0019
Host	Mouse
Isotype	IgG _{2a}
Epitope	52-105 (TQDPSRVG)
Polyol-responsive	Yes
Clone	IIB8
Cross reactivity*	Most mammalian TFIIB
Available size	100 µl lyophilized ascites
Handling requirements	
Reconstitution	Add 100 µl of ddH ₂ O to tube and mix to dissolve
Storage	-20°C Avoid repeated freeze/thaw
Applications*	
Immunofluorescence	NT
Chromatin Immunoprecipitation (ChIP)	NT
Gel Supershift	Yes
Immunoaffinity chromatography	Yes
Immunoprecipitates	Yes
Transcription Inhibition - Initiation	Yes
Transcription Inhibition - Elongation	No
Western Blot	Yes 1:1000
Related products	
Catalog reference	Antibody name
W0018	MAb to eukaryotic transcription factor TBP
W0020	MAb to human transcription factor TFIIB
W0021	MAb to human transcription factor RAP30
W0028	MAb to eukaryotic transcription factor TBP
W0029	MAb to eukaryotic transcription factor TBP
WP019	Purified mAb to human transcription factor TFIIB
S0003	Softag 3 Resin
Notes	

*Cross reactivity and Applications data is per published literature and/or unpublished data.

References

- Thompson, N.E., and Burgess, R.R. (1994). Purification of recombinant human transcription factor IIB by immunoaffinity chromatography. *Protein Expression and Purification*, 5, 468-75.
- Thompson, N.E., Strasheim, L.A., Nolan, K.M., and Burgess, R.R. (1995). Accessibility of epitopes on human transcription factor IIB in the native protein and in a complex with DNA. *J. Biol. Chem.* 270, 4735-40.
- Duellman, S.J., Thompson, N.E., and Burgess, R.R. (2004) An epitope tag derived from human

transcription factor IIB that reacts with a polyoi-responsive monoclonal antibody. Protein Expression and Purification, 35, 147-55.