

Immunotag™ TFIIB Monoclonal Antibody

Antibody Specification	
Catalog No.	ITM1104
Product Description	Immunotag™ TFIIB Monoclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	TFIIB
Clonality	Monoclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,IF
Recommended Dilution	Western Blot: 1/1000 - 1/2000. Immunohistochemistry: 1/500 - 1/1000. Immunofluorescence: 1/100 - 1/500. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat,Bovine,Chicken,Dog,Pig
Host Species	Mouse
Immunogen	Purified recombinant human TFIIB protein fragments expressed in Ecoli
Specificity	TFIIB Monoclonal Antibody detects endogenous levels of TFIIB protein.
Purification	Affinity purification
Form	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol.
Gene Name	GTF2B
Accession No.	Q00403 P62915 P62916
Alternate Names	GTF2B; TF2B; TFIIB; Transcription initiation factor IIB; General transcription factor TFIIB; S300-II

Antibody Specification

Description	general transcription factor IIB(GTF2B) Homo sapiens This gene encodes the general transcription factor IIB, one of the ubiquitous factors required for transcription initiation by RNA polymerase II. The protein localizes to the nucleus where it forms a complex (the DAB complex) with transcription factors IID and IIA. Transcription factor IIB serves as a bridge between IID, the factor which initially recognizes the promoter sequence, and RNA polymerase II. [provided by RefSeq, Jul 2008],
Cell Pathway/ Category	Protein_Acetylation
Protein Expression	Prostate,Skin,
Subcellular Localization	nucleus,nucleoplasm,transcription factor TFIID complex,nucleolus,
Protein Function	cofactor:Binds 1 zinc ion per subunit.,function:General factor that plays a major role in the activation of eukaryotic genes transcribed by RNA polymerase II.,similarity:Belongs to the TFIIB family.,similarity:Contains 1 TFIIB-type zinc finger.,subunit:Associates with TFIID-IIA (DA complex) to form TFIID-IIA-IIB (DAB-complex) which is then recognized by polymerase II. Interacts with the transcription elongation factor TCEA2. Interacts with HIV-1 Vpr. Interacts with GPBP1 (By similarity). Interacts with Epstein-Barr virus EBNA2.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.