

Immunotag™ TFIIIB mouse mAb

Antibody Specification	
Catalog No.	ITM1209
Product Description	Immunotag™ TFIIIB mouse mAb
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	TFIIIB
Clonality	Monoclonal
Storage/Stability	-20°C/1 year
Application	WB
Recommended Dilution	wb 1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Monkey
Host Species	Mouse
Immunogen	Purified recombinant human TFIIIB protein fragments expressed in E.coli.
Specificity	This antibody detects endogenous levels of TFIIIB and does not cross-react with related proteins.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	gtf2b
Accession No.	Q00403 P62915
Alternate Names	General transcription factor IIB;General transcription factor TFIIIB;gtf2b;RNA polymerase II transcription factor IIB;S300 II;S300-II;TF IIB;TF2B;TF2B_HUMAN;TFIIB;Transcription initiation factor IIB.

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	Basal transcription factors,
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.