

DATASHEET

TFIIB Mouse Monoclonal Antibody(C3447)

CAT. NO. AMA03059

KEY FEATURES

Target	TFIIB	Source / Host	Mouse
Reactivity	Human, Mouse, Monkey	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.	Storage	at-20°C

BACKGROUND

General transcription factor that plays a role in transcription initiation by RNA polymerase II (Pol II). Involved in the pre-initiation complex (PIC) formation and Pol II recruitment at promoter DNA . Involved in the pre-initiation complex (PIC) formation and Pol II recruitment at promoter DNA . Together with the TATA box-bound TBP forms the core initiation complex and provides a bridge between TBP and the Pol II-TFIIF complex . Released from the PIC early following the onset of transcription during the initiation and elongation transition and reassociates with TBP during the next transcription cycle . Associates with chromatin to core promoter-specific regions .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

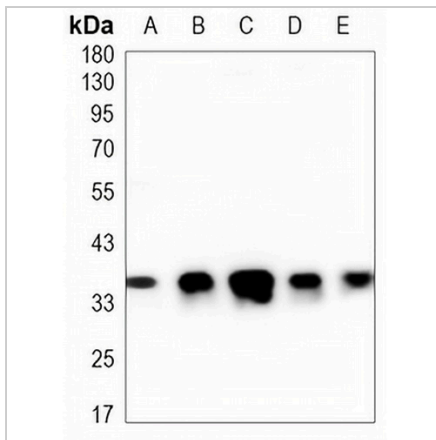
Description	Mouse monoclonal antibody to TFIIB
Specificity	Recognizes endogenous levels of TFIIB protein.
Antibody Type	Primary antibody
Immunogen	Purified recombinant human TFIIB protein fragments expressed in E.coli.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 35 kD; Observed: 35 kD
Form/Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Alternative Names	TF2B; TFIIB; Transcription initiation factor IIB; General transcription factor TFIIB; S300-II
Gene Symbol	GTF2B
Entrez Gene	2959(Human); 229906(Mouse)
SwissProt	Q00403(Human); P62915(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of TFIIB expression in Jurkat (A), MCF7 (B), COS7 (C), NIH3T3 (D), HeLa (E) whole cell lysates. (Predicted band size: 35 kD; Observed band size: 35 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.