

# Anti-TATA Box Binding Protein Mouse mAb

Purified Mouse Monoclonal Antibody

Catalog # M011018

## Product Information

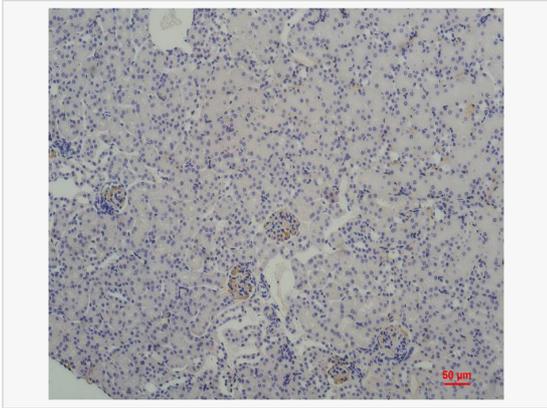
Application	IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Rat, Mouse (Cell)
Dilution	IHC-P 1:50~1:100
Host	Mouse
Clonality	Monoclonal
Clone No.	18K33M09
Isotype	IgG1
Label	Unconjugated
Immunogen	Purified recombinant protein expressed in E.coli.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-TATA Box Binding Protein antibody [18K33M09] is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

Synonyms	TBP, GTF2D1, TF2D, TFIID, TATA-box-binding protein, TATA sequence-binding protein, TATA-binding factor, TATA-box factor, Transcription initiation factor TFIID TBP subunit.
Uniprot ID	P20226
Gene ID	6908
Background	As one of the few proteins in the preinitiation complex that binds DNA in a sequence-specific manner, it helps position RNA polymerase II over the transcription start site of the gene. However, it is estimated that only 10-20% of human promoters have TATA boxes. Therefore, TBP is probably not the only protein involved in positioning RNA polymerase II. This protein is not suitable for samples where the nuclear envelope has been removed.

## Validation Images

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Immunohistochemistry analysis of paraffin-embedded Human Breast Carcinoma using TATA Box Binding Protein antibody [18K33M09]. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.