

**Product Name: TATA Box Binding Protein Mouse
Monoclonal Antibody
Catalog #: AMM84959**

Summary

Production Name	TATA Box Binding Protein Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.5%protective protein and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	TATA Box Binding Protein
Alternative Names	TBP; GTF2D1; TF2D; TFIID; TATA-box-binding protein; TATA sequence-binding protein; TATA-binding factor; TATA-box factor; Transcription initiation factor TFIID TBP subunit
Gene ID	6908.0
SwissProt ID	P20226. Purified recombinant protein expressed in E.coli.

Application

Dilution Ratio	IHC:1:50-1:100
Molecular Weight	/

**Product Name: TATA Box Binding Protein Mouse
Monoclonal Antibody
Catalog #: AMM84959**

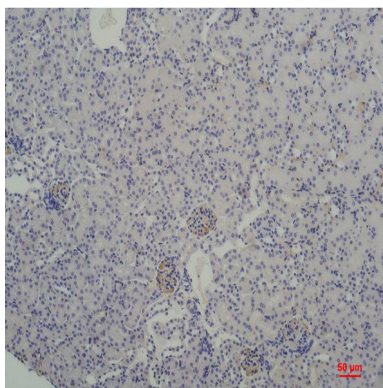


Background

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.

Research Area

Image Data



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

Note

For research use only.