

## Product overview

product name	Anti TBP mouse monoclonal antibody
catalog No.	ATMA10064Mo
Category	Primary antibody
Host	Mouse
Species specificity	Human, Predict react with Rat, Mouse
Tested applications	WB
Clonality	Monoclonal
Clone No.	53A2
Conjugation	Unconjugated
Immunogen	Synthesis peptide from N-terminal.
Alternative Names	TATA-box-binding protein, TATA sequence-binding protein, TATA-binding factor, TATA-box factor, Transcription initiation factor TFIID TBP subunit.
Uniprot ID	P20226

## Product performance

Form	Liquid
Buffer	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN <sub>3</sub> , 50% glycerol.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 4 °C for frequent use. Store at -20 to -80 °C for twelve months from the date of receipt.
Concentration	0.5mg/ml
Isotype	IgG1
MW	33-43kDa
Purity	Protein G purification

## Dilution range

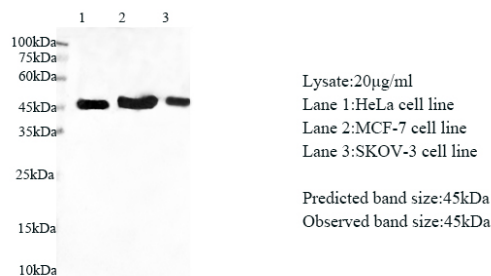
WB: 1:1000-1:4000

## Product experiment picture

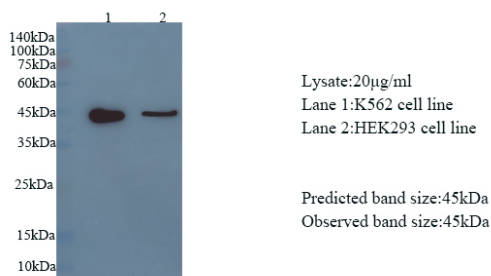


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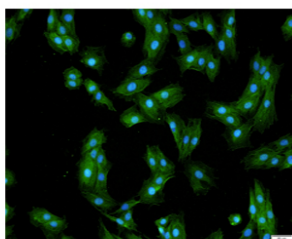
**Anti TBP mouse monoclonal antibody**



Various lysates were subjected to SDS PAGE followed by western blot with TATA binding protein antibody at dilution of 1:2000.



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Immunofluorescent analysis of H929 cells using  $\alpha$  TATA binding protein antibody at dilution of 1:100 and Alexa Fluor-488 conjugated Affinipure Goat anti mouse IgG(H+L).

## Product background

The TATA binding protein (TBP) is a transcription factor that binds specifically to a DNA sequence TATA box. This DNA sequence is found about 25-30 base pairs upstream of the transcription start site in some eukaryotic gene promoters. TBP, along with a variety of TBP-associated factors, make up the TFIID, a general transcription factor that in turn makes up part of the RNA polymerase II preinitiation complex. 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.