

# TCF3 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant TCF3.

Catalog # AT4186a

## Product Information

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Application	WB, E
Primary Accession	<a href="#">P15923</a>
Other Accession	<a href="#">NM_003200</a>
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	5G2
Calculated MW	67600

## Additional Information

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Gene ID	6929
Other Names	Transcription factor E2-alpha, Class B basic helix-loop-helix protein 21, bHLHb21, Immunoglobulin enhancer-binding factor E12/E47, Immunoglobulin transcription factor 1, Kappa-E2-binding factor, Transcription factor 3, TCF-3, Transcription factor ITF-1, TCF3, BHLHB21, E2A, ITF1
Target/Specificity	TCF3 (NP_003191, 545 a.a. ~ 654 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	TCF3 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

## Background

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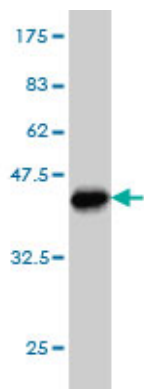
The TCF3 gene, also called E2A, encodes 2 basic helix-loop-helix (bHLH) transcription factors, E12 and E47, through alternative splicing. E12 and E47 are involved in regulation of immunoglobulin gene expression (Bain et al., 1994 [PubMed 8001125]).

## References

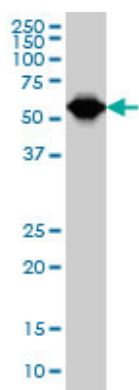
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1.Synaptic Cross-talk between N-Methyl-D-aspartate Receptors and LAPSER1- $\beta$ -Catenin at Excitatory

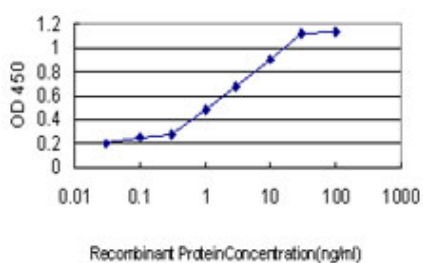
## Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.84 KDa) .



TCF3 monoclonal antibody (M01), clone 5G2 Western Blot analysis of TCF3 expression in HeLa S3 NE ( (Cat # AT4186a )



Detection limit for recombinant GST tagged TCF3 is approximately 0.03ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.