

TCF3 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant TCF3.****Catalog # AT4186a****Specification**

TCF3 Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	P15923
Other Accession	NM_003200
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	67600

TCF3 Antibody (monoclonal) (M01) - Additional Information**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

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.

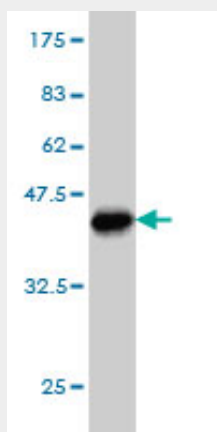
TCF3 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

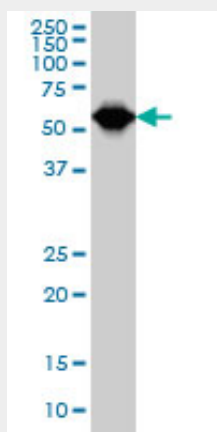
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

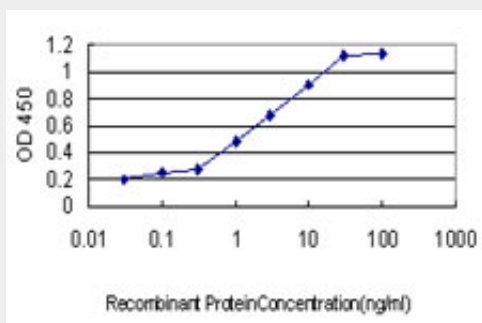
TCF3 Antibody (monoclonal) (M01) - Images



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.

TCF3 Antibody (monoclonal) (M01) - Background

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]).

TCF3 Antibody (monoclonal) (M01) - References

1.Synaptic Cross-talk between N-Methyl-D-aspartate Receptors and LAPSER1- β -Catenin at Excitatory Synapses.Schmeisser MJ, Grabrucker AM, Bockmann J, Boeckers TM.J Biol Chem. 2009 Oct 16;284(42):29146-57. Epub 2009 Aug 24.