

# ELF1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant ELF1.

Catalog # AT1893a

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P32519</a>
<b>Other Accession</b>	<a href="#">NM_172373</a>
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG2b Kappa
<b>Clone Names</b>	3B7
<b>Calculated MW</b>	67498

## Additional Information

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<b>Gene ID</b>	1997
<b>Other Names</b>	ETS-related transcription factor Elf-1, E74-like factor 1, ELF1
<b>Target/Specificity</b>	ELF1 (NP_758961, 421 a.a. ~ 520 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000 E~~N/A
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	ELF1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

## Background

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This gene encodes an E26 transformation-specific related transcription factor. The encoded protein is primarily expressed in lymphoid cells and acts as both an enhancer and a repressor to regulate transcription of various genes. Alternative splicing results in multiple transcript variants.

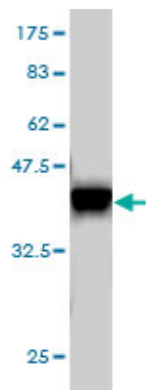
## References

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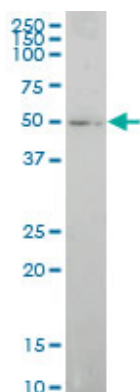
Identification of E74-like factor 1 (ELF1) as a transcriptional regulator of the Hox cofactor MEIS1. Xiang P, et al. Exp Hematol, 2010 Sep. PMID 20600580. Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614. Differential roles for ETS, CREB, and EGR binding sites in mediating VEGF receptor 1 expression in

vivo. Jin E, et al. Blood, 2009 Dec 24. PMID 19822898. PP2A dephosphorylates Elf-1 and determines the expression of CD3zeta and FcRgamma in human systemic lupus erythematosus T cells. Juang YT, et al. J Immunol, 2008 Sep 1. PMID 18714041. Physical and functional interactions between hematopoietic cell-specific ETS transcription factors and homeodomain proteins. Yamada T, et al. Leuk Res, 2009 Mar. PMID 18692240.

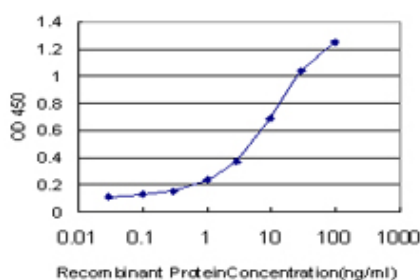
## Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 kDa) .



ELF1 monoclonal antibody (M01), clone 3B7 Western Blot analysis of ELF1 expression in 293 (Cat # AT1893a)



Detection limit for recombinant GST tagged ELF1 is approximately 1 ng/ml as a capture antibody.

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