

**ELF1 Antibody (monoclonal) (M01)**

Mouse monoclonal antibody raised against a partial recombinant ELF1.

Catalog # AT1893a

**Specification**

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**ELF1 Antibody (monoclonal) (M01) - Product Information**

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

**ELF1 Antibody (monoclonal) (M01) - Additional Information****Gene ID** 1997**Other Names**

ETS-related transcription factor Elf-1, E74-like factor 1, ELF1

**Target/Specificity**

ELF1 (NP\_758961, 421 a.a. ~ 520 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**

ELF1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

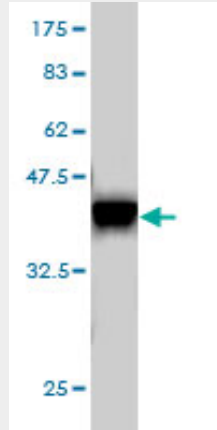
**ELF1 Antibody (monoclonal) (M01) - Protocols**

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

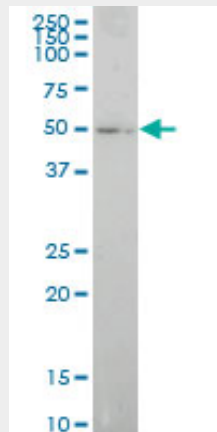
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

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

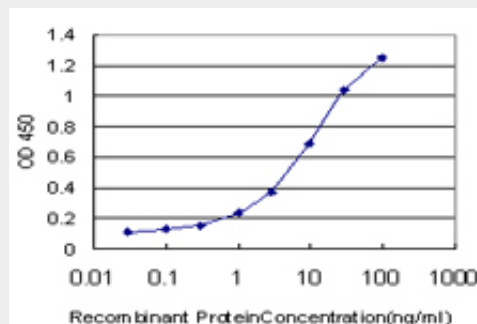
**ELF1 Antibody (monoclonal) (M01) - Images**



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 1ng/ml as a capture antibody.

**ELF1 Antibody (monoclonal) (M01) - Background**

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.

#### **ELF1 Antibody (monoclonal) (M01) - References**

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.