

## ERF Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant ERF.

Catalog # AT1940a

### Product Information

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<b>Application</b>	WB, IF
<b>Primary Accession</b>	<a href="#">P50548</a>
<b>Other Accession</b>	<a href="#">BC022231</a>
<b>Reactivity</b>	Human, Mouse
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG2b Kappa
<b>Clone Names</b>	3F11
<b>Calculated MW</b>	58703

### Additional Information

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<b>Gene ID</b>	2077
<b>Other Names</b>	ETS domain-containing transcription factor ERF, Ets2 repressor factor, PE-2, ERF
<b>Target/Specificity</b>	ERF (AAH22231, 181 a.a. ~ 290 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000 IF~~1:50~200
<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>	ERF Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

### Background

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Members of the ETS family of transcription factors, such as ERF, regulate cell proliferation and differentiation. They share a highly conserved DNA-binding domain, the ETS domain, that recognizes the sequence GGAA/T (de Castro et al., 1997 [PubMed 9192842]). For further information on ETS transcription factors, see ETS1 (MIM 164720).

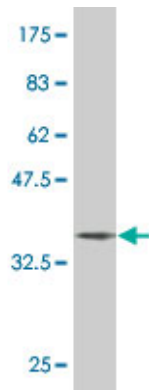
### References

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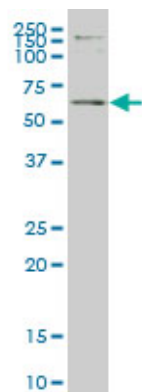
The RAS-dependent ERF control of cell proliferation and differentiation is mediated by c-Myc repression. Verykokakis M, et al. J Biol Chem, 2007 Oct 12. PMID 17699159. Differential repression of c-myc and cdc2

gene expression by ERF and PE-1/METS. Hester KD, et al. Cell Cycle, 2007 Jul 1. PMID 17525531. Global, in vivo, and site-specific phosphorylation dynamics in signaling networks. Olsen JV, et al. Cell, 2006 Nov 3. PMID 17081983. A probability-based approach for high-throughput protein phosphorylation analysis and site localization. Beausoleil SA, et al. Nat Biotechnol, 2006 Oct. PMID 16964243. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.

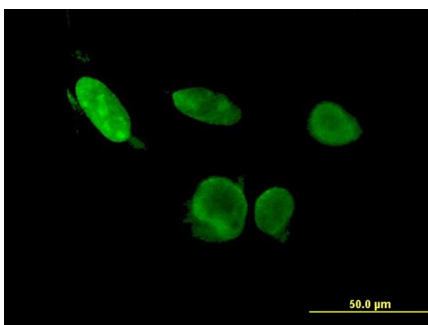
## Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 KDa) .



ERF monoclonal antibody (M02), clone 3F11. Western Blot analysis of ERF expression in Raw 264.7.



Immunofluorescence of monoclonal antibody to ERF on HeLa cell. [antibody concentration 10 ug/ml]

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