

**ERF Antibody (monoclonal) (M02)**  
**Mouse monoclonal antibody raised against a partial recombinant ERF.**  
**Catalog # AT1940a**

**Specification**

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**ERF Antibody (monoclonal) (M02) - Product Information**

|                   |                          |
|-------------------|--------------------------|
| Application       | WB, IF                   |
| Primary Accession | <a href="#">P50548</a>   |
| Other Accession   | <a href="#">BC022231</a> |
| Reactivity        | Human, Mouse             |
| Host              | mouse                    |
| Clonality         | Monoclonal               |
| Isotype           | IgG2b Kappa              |
| Calculated MW     | 58703                    |

**ERF Antibody (monoclonal) (M02) - Additional Information**

**Gene ID** 2077

**Other Names**

ETS domain-containing transcription factor ERF, Ets2 repressor factor, PE-2, ERF

**Target/Specificity**

ERF (AAH22231, 181 a.a. ~ 290 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Dilution**

WB~~1:500~1000

IF~~1:50~200

**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**

ERF Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

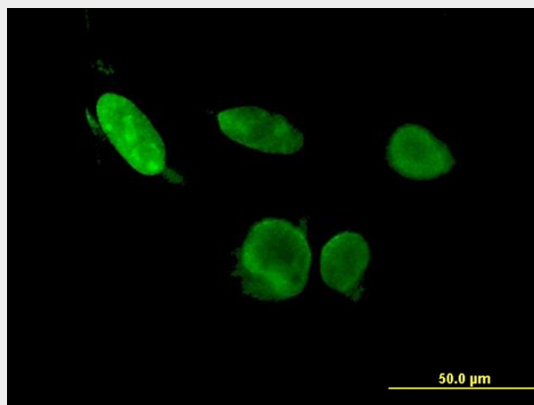
**ERF Antibody (monoclonal) (M02) - Protocols**

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

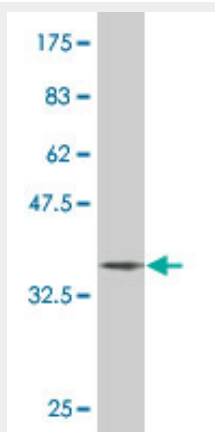
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

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

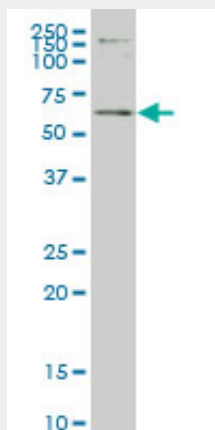
## ERF Antibody (monoclonal) (M02) - Images



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



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.

**ERF Antibody (monoclonal) (M02) - Background**

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).

**ERF Antibody (monoclonal) (M02) - References**

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.