

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

Specification

ERF Antibody (monoclonal) (M02) - Product Information

Application	IF, WB
Primary Accession	P50548
Other Accession	BC022231
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

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.

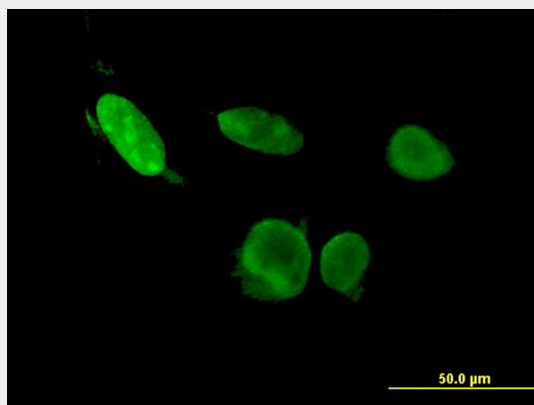
ERF Antibody (monoclonal) (M02) - Protocols

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

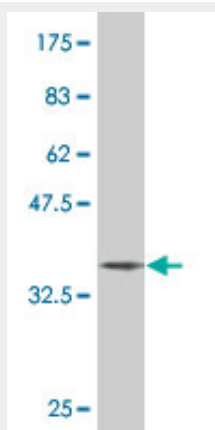
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

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

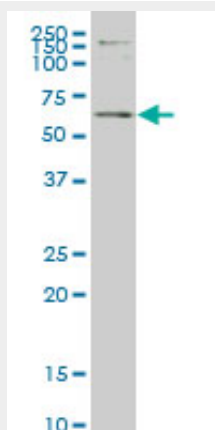
ERF Antibody (monoclonal) (M02) - Images



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.