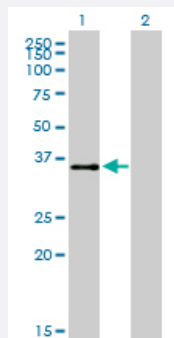


ATF1 monoclonal antibody (M03), clone 3E7

Catalog # H00000466-M03

Size 100 ug

Applications

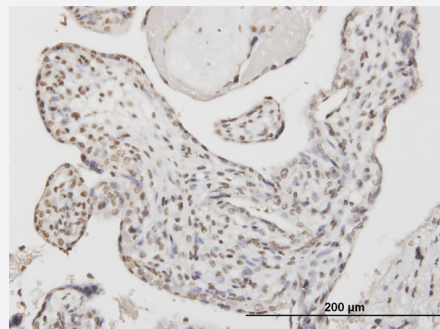


Western Blot (Transfected lysate)

Western Blot analysis of ATF1 expression in transfected 293T cell line by ATF1 monoclonal antibody (M03), clone 3E7.

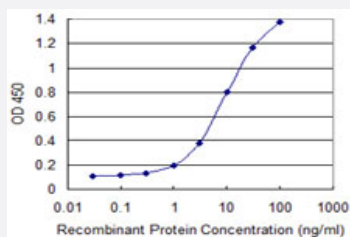
Lane 1: ATF1 transfected lysate (29.2 kDa).

Lane 2: Non-transfected lysate.



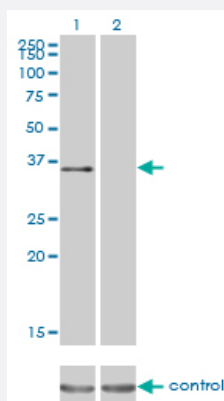
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to ATF1 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]



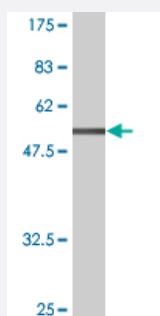
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ATF1 is 0.3 ng/ml as a capture antibody.



RNAi Knockdown (Antibody validated)

Western blot analysis of ATF1 over-expressed 293 cell line, cotransfected with ATF1 Validated Chimera RNAi (Cat # H00000466-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with ATF1 monoclonal antibody (M03), clone 3E7 (Cat # H00000466-M03). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot detection against Immunogen (55.55 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant ATF1.
Immunogen	ATF1 (AAH29619, 1 a.a. ~ 271 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MEDSHKSTTSETAPQPGSAVQGAHISHIAQQVSSLSESEESQDSSDSIGSSQKAHGILARRPSYR KILKDLSSDTRGRKGDGENSGVSAAVTSMVPTPIYQTSSGQYIAIPNGALQLASPGTDGVQGL QTLTMTNSGSTQQGTTILQYAQTSDGQQILVPSNQVVVQTASGDMQTYQIRTPSATSLPQTVVMT SPVTLTSQTTKTDDPQLKREIRLMKNREAARECRRKKKEYVKCLENRVAVLENQNKTLEELKTLK DLYSNKSV
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (55.55 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of ATF1 expression in transfected 293T cell line by ATF1 monoclonal antibody (M03), clone 3E7.

Lane 1: ATF1 transfected lysate(29.2 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to ATF1 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ATF1 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of ATF1 over-expressed 293 cell line, cotransfected with ATF1 Validated Chimera RNAi (Cat # H00000466-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with ATF1 monoclonal antibody (M03), clone 3E7 (Cat # H00000466-M03). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

Gene Info — ATF1

Entrez GeneID	466
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GeneBank Accession#	BC029619
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Protein Accession#	AAH29619
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Gene Name	ATF1
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Gene Alias	EWS-ATF1, FUS/ATF-1, TREB36
Gene Description	activating transcription factor 1
Omim ID	123803
Gene Ontology	Hyperlink
Other Designations	-

Disease

- [Adenocarcinoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)