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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ATF3 monoclonal antibody (M04), clone 8G5

Catalog # : H00000467-M04

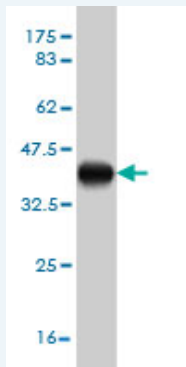
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a full length recombinant ATF3.
Immunogen:	ATF3 (AAH06322, 1 a.a. ~ 181 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MMLQHPGQVSASEVSASAIVPCLSPPGSLVFEDFANLTPFVKEELRFAIQ NKHLCHRMSSALESVTVSDRPLGVSITKAEVAPEEDERKKRRRERNKIAA AKCRNKKKEKTECLQKESKLESVNAELKAQIEELKNEKQHLIYMLNLRP TCIVRAQNGRTPEDERNLFIQIQIKEGTLQS
Host:	Mouse
Reactivity:	Human
Isotype:	IgG3 Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (45.65 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Publication Reference

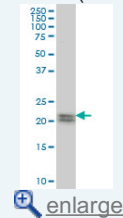
1. Transcriptional regulators of the Δ Np63: Their role in limbal epithelial cell proliferation.
Hsueh YJ, Kuo PC, Chen JK. J Cell Physiol. 2012 Jul 17. doi: 10.1002/jcp.24160.

Applications

Western Blot (Cell lysate)

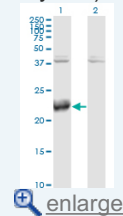
Application Image

Western Blot (Cell lysate)



[enlarge](#)

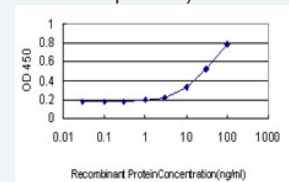
Western Blot (Transfected lysate)



[enlarge](#)

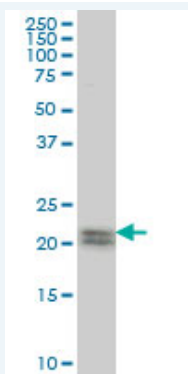
Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)



[enlarge](#)

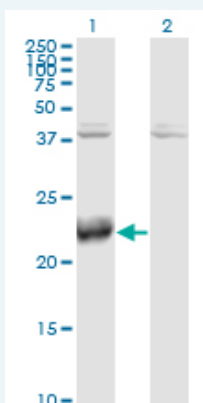
ELISA



ATF3 monoclonal antibody (M04), clone 8G5 Western Blot analysis of ATF3 expression in HeLa S3 NE (Cat # L013V3).

[Protocol Download](#)

Western Blot (Transfected lysate)



Western Blot analysis of ATF3 expression in transfected 293T cell line by ATF3 monoclonal antibody (M04), clone 8G5.

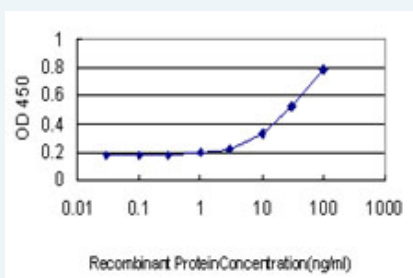
Lane 1: ATF3 transfected lysate(20.6 kDa).
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged ATF3 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [467](#)

GeneBank [BC006322](#)
Accession#:

Protein [AAH06322](#)
Accession#:

Gene Name: ATF3

Gene Alias: -

Gene Description: activating transcription factor 3

Omim ID: [603148](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Activating transcription factor 3 is a member of the mammalian activation transcription factor/cAMP responsive element-binding (CREB) protein family of transcription factors. Multiple transcript variants encoding two different isoforms have been found for this gene. The longer isoform represses rather than activates transcription from promoters with ATF binding elements. The shorter isoform (deltaZip2) lacks the leucine zipper protein-dimerization motif and does not bind to DNA, and it stimulates transcription presumably by sequestering inhibitory co-factors away from the promoter. It is possible that alternative splicing of the ATF3 gene may be physiologically important in the regulation of target genes. [provided by RefSeq]

Other Designations: ATF3deltaZip2,ATF3deltaZip2c,ATF3deltaZip3,OTTHUMP00000034887,OTTHUMP00000034890

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