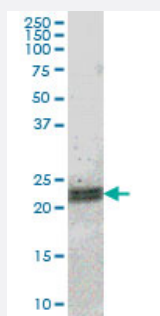


ATF3 monoclonal antibody (M06), clone 7G10

Catalog # H00000467-M06

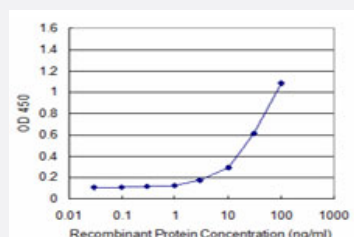
Size 100 ug

Applications



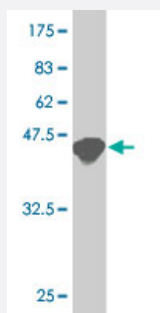
Western Blot (Cell lysate)

ATF3 monoclonal antibody (M06), clone 7G10 Western Blot analysis of ATF3 expression in HeLa S3 NE (Cat # L013V3).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ATF3 is approximately 3ng/ml as a capture antibody.



Western Blot detection against Immunogen (45.65 KDa) .

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	MMLQHPGQVSASEVSASAINPCLSPPGSLVFEDFANLTPFVKEELRFAIQNKHLCHRMSSALES VTVSDRPLGVSITKAEVAPEEDERKKRRRERKNIAAAKCRNKKKEKTECLQKESEKLESVNAELK AQIEELKNEKQHLIYMLNLHRPTCMVRAQNGRTPEDERNLFIQQIKEGTLQS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95); Rat (95)
Isotype	IgG1 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.

Applications

- Western Blot (Cell lysate)

ATF3 monoclonal antibody (M06), clone 7G10 Western Blot analysis of ATF3 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ATF3 is approximately 3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ATF3

Entrez GeneID

[467](#)

GeneBank Accession#	BC006322
Protein Accession#	AAH06322
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

Disease

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