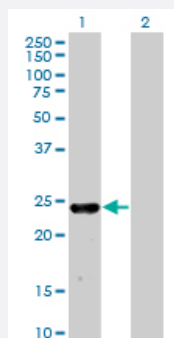


MXI1 monoclonal antibody (M08), clone 1F3

Catalog # H00004601-M08

Size 100 ug

Applications

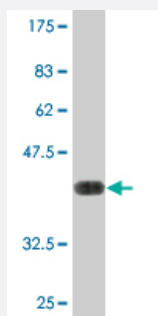


Western Blot (Transfected lysate)

Western Blot analysis of MXI1 expression in transfected 293T cell line by MXI1 monoclonal antibody (M08), clone 1F3.

Lane 1: MXI1 transfected lysate (26.1 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (37.84 KDa).

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant MXI1.
Immunogen	MXI1 (NP_001008541.1, 73 a.a. ~ 182 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LEEAERKSQHQLLENLEREQRFLLKWRLEQLQGPGQEMERIRMDSIGSTISSDRSDSEREEIEVDVES TEFSHGVEDNISTTSISDIDDHSSLPSIGSDEGYSSASVKLSFTS
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (93); Rat (98)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 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 MXI1 expression in transfected 293T cell line by MXI1 monoclonal antibody (M08), clone 1F3.

Lane 1: MXI1 transfected lysate(26.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — MXI1

Entrez GeneID	4601
GeneBank Accession#	NM_001008541
Protein Accession#	NP_001008541.1
Gene Name	MXI1
Gene Alias	MAD2, MGC43220, MXD2, MXI, bHLHc11
Gene Description	MAX interactor 1
Omim ID	176807 600020
Gene Ontology	Hyperlink

Gene Summary

Expression of the c-myc gene, which produces an oncogenic transcription factor, is tightly regulated in normal cells but is frequently deregulated in human cancers. The protein encoded by this gene is a transcriptional repressor thought to negatively regulate MYC function, and is therefore a potential tumor suppressor. This protein inhibits the transcriptional activity of MYC by competing for MAX, another basic helix-loop-helix protein that binds to MYC and is required for its function. Defects in this gene are frequently found in patients with prostate tumors. Three alternatively spliced transcripts encoding different isoforms have been described. Additional alternatively spliced transcripts may exist but the products of these transcripts have not been verified experimentally. [provided by RefSeq]

Other Designations

MAX dimerization protein 2|MAX interacting protein 1|MAX-interacting protein 1|Max-related transcription factor|OTTHUMP00000020467|OTTHUMP00000020468|OTTHUMP00000020469

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)