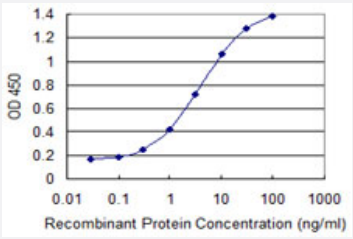
MXI1 monoclonal antibody (M11), clone 1B10

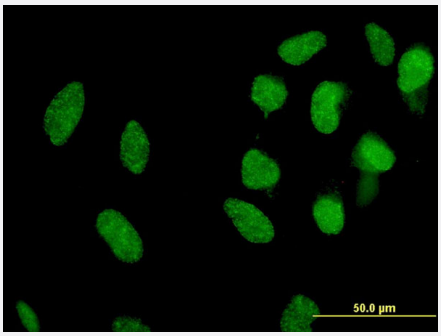
Catalog # H00004601-M11 Size 100 ug

Applications



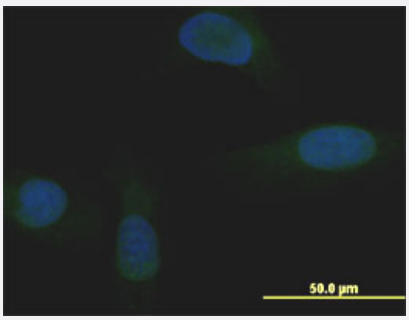
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MXI1 is 0.03 ng/ml as a capture antibody.



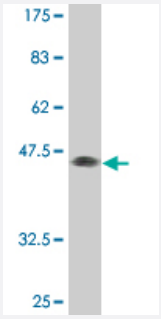
Immunofluorescence

Immunofluorescence of monoclonal antibody to MXI1 on HeLa cell . [antibody concentration 10 ug/ml]



Immunofluorescence

Immunofluorescence of monoclonal antibody to MXI1 on U-2 OS cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (45.76 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant MXI1.
Immunogen	MXI1 (AAH12907, 1 a.a. ~ 182 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MPSPRLQHSKPPRRLSRAQKHSSGSSNTSTANRRAHLRLCLERLKVLIPLGPDCTRHTTLGLLNK AKAHIKKLEEAERKSQHQLENLEREQRFLKWRLEQLQGPQEMERIRMDSIGSTISSDRSDSEREEI EVDVESTEFSHGEVDNISTTSISDIDDHSSLPSIGSDEGYSSASVKLSFTS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91); Rat (94)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (45.76 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 (Recombinant protein)

  Protocol Download

- Sandwich ELISA (Recombinant protein)

  Detection limit for recombinant GST tagged MXI1 is 0.03 ng/ml as a capture antibody.

  Protocol Download

- ELISA

- Immunofluorescence (Circulating Tumor Cell)

- Immunofluorescence

  Immunofluorescence of monoclonal antibody to MXI1 on HeLa cell . [antibody concentration 10 ug/ml]

- Immunofluorescence

  Immunofluorescence of monoclonal antibody to MXI1 on U-2 OS cell. [antibody concentration 10 ug/ml]

Gene Info — MXI1

Entrez GeneID	4601
GeneBank Accession#	BC012907
Protein Accession#	AAH12907
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