## MXI1 rabbit monoclonal antibody

Catalog # H00004601-K \$

Size 100 ug x up to 3

Specification	
Product Description	Rabbit monoclonal antibody raised against a human MXI1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human MXI1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	lgG
Quality Control Testing	Antibody reactive against human MXI1 peptide by ELISA and mammalian transfected lysate by West ern Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	<ol> <li>Customer may provide cell or tissue lysate for antibody screening.</li> <li>Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding F(ab)<sub>2</sub>, lgG, scFv and different Fc and non-Fc conjugates per customer request.</li> </ol>

## Applications

• Western Blot (Transfected lysate)

Protocol Download



• ELISA

Gene Info — MXI1	
Entrez GenelD	<u>4601</u>
GeneBank Accession#	<u>MXI1</u>
Gene Name	MXI1
Gene Alias	MAD2, MGC43220, MXD2, MXI, bHLHc11
Gene Description	MAX interactor 1
Omim ID	<u>176807 600020</u>
Gene Ontology	Hyperlink
Gene Summary	Expression of the c-myc gene, which produces an oncogenic transcription factor, is tightly regulat ed in normal cells but is frequently deregulated in human cancers. The protein encoded by this ge ne is a transcriptional repressor thought to negatively regulate MYC function, and is therefore a po tential 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. Defe cts in this gene are frequently found in patients with prostate tumors. Three alternatively spliced transcri pts may exist but the products of these transcripts have not been verified experimentally. [provide d by RefSeq
Other Designations	MAX dimerization protein 2 MAX interacting protein 1 MAX-interacting protein 1 Max-related tran scription factor OTTHUMP00000020467 OTTHUMP00000020468 OTTHUMP00000020469

## Disease

- <u>Alzheimer Disease</u>
- Genetic Predisposition to Disease