

Datasheet

MXI1 monoclonal antibody (M11), clone 1B10

Catalog Number: H00004601-M11

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full-length recombinant MXI1.

Clone Name: 1B10

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:

MPSRLQHSKPPRRLSRAQKHSSGSSNTSTANRRRAH
LRLCLERLKVLIPLGPDCTRHTTLGLLNKAKAHIKKLEE
AERKSQHQLENLEREQRFLKWRLEQLQGPOEMERIR
MDSIGSTISSDRSDSEREEIEVDVESTEFSSHGEVDNIST
TSISDIDDHSSLPSIGSDEGYSSASVKLSFTS

Host: Mouse

Reactivity: Human

Applications: ELISA, IF, IF-CTC, S-ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

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

Entrez GeneID: 4601

Gene Symbol: MXI1

Gene Alias: MAD2, MGC43220, MXD2, MXI, bHLHc11

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]