

Datasheet for ABIN931182 **anti-MXI1 antibody**

1 Image



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Overview

Quantity:	100 µg
Target:	MXI1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MXI1 antibody is un-conjugated
Application:	Dot Blot (DB)

Product Details

Immunogen:	MXI1 antibody was raised in mouse using recombinant Human Max Interactor 1
Clone:	MXI1C2a
Isotype:	IgG1
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

Target Details

Target:	MXI1
Alternative Name:	MXI1 (MXI1 Products)
Background:	Expression of the c-myc gene, which produces an oncogenic transcription factor, is tightly

Target Details

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. Synonyms: Monoclonal MXI1 antibody, Anti-MXI1 antibody, MAX interacting protein 1 antibody, MAD2 antibody, MXD2 antibody, MXI antibody, MGC43220 antibody.

Pathways: [Maintenance of Protein Location](#)

Application Details

Application Notes: Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: Lot specific

Buffer: MXI1 antibody in PBS (3.0 mM KCl, 1.5 mM KH₂ PO₄, 140 mM NaCl, 8.0 mM Na₂ HPO₄ (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN₃).

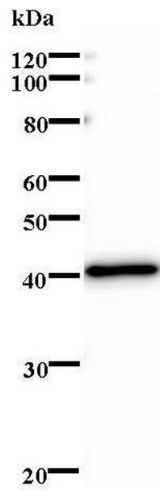
Preservative: Sodium azide

Precaution of Use: This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.



Western Blotting

Image 1.