

Recombinant MAX/MYC associated factor X Monoclonal Antibody

catalog number: AN300263P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human
Immunogen	Recombinant Human MAX / MYC associated factor X protein
Host	Rabbit
Isotype	IgG
Clone	11B4
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS with 10% Trehalose, pH7.0

Applications Recommended Dilution

WB	1:500-1:1000
FCM	1:100-1:500
ICC/IF	1:100-1:500
IP	0.2-1 µL/mg of lysate

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

The protein encoded by this gene is a member of the basic helix-loop-helix leucine zipper (bHLHZ) family of transcription factors. It is able to form homodimers and heterodimers with other family members, which include Mad, Mx1 and Myc. Myc is an oncoprotein implicated in cell proliferation, differentiation and apoptosis. The homodimers and heterodimers compete for a common DNA target site (the E box) and rearrangement among these dimer forms provides a complex system of transcriptional regulation. Mutations of this gene have been reported to be associated with hereditary pheochromocytoma. A pseudogene of this gene is located on the long arm of chromosome 4. Alternative splicing results in multiple transcript variants.

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