

Anti-MAX Antibody (5Y973)

Product Details

Ig Type:	Mouse IgG2a
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	5Y973
Purification:	Protein A

Applications

Application:	ELISA
Recommended	ELISA: 1:5000-1:10000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human MAX / MYC associated factor X protein (TMPY-02888)
Antigen Species:	Human
Synonyms:	bHLHd4;MYC associated factor X
Biology Area:	Apoptosis Transcription Factors and Regulators

Research Background

MYC associated factor X contains 1 basic helix-loop-helix (bHLH) domain and belongs to the MAX family. It is highly expressed in the brain, heart, and lung while lower levels are seen in the liver, kidney, and skeletal muscle. MYC associated factor X can form homodimers and heterodimers with other family members, which include Mad, Mxi1, 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. MYC associated factor X may also repress transcription via the recruitment of a chromatin remodeling complex containing H3 'Lys-9' histone methyltransferase activity. Multiple alternatively spliced transcript variants have been described for MYC associated factor X gene but the full-length nature for some of them is unknown.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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