MXI1 FISH Probe

Catalog # FA0261 Size 200 uL

Specification

Product Description	Made to order FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization Technique. (Technology).
Origin	Human
Source	Genomic DNA
Reactivity	Human
Notice	We **strongly recommend** the customer to use FFPE FISH PreTreatment Kit 1 (Catalog #: KA2375 or KA2691) for the pretreatment of Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections.
Regulation Status	For research use only (RUO)
Supplied Product	DAPI Counterstain (1500 ng/mL) 250 uL
Storage Instruction	Store at 4°C in the dark.

Applications

- Fluorescent In Situ Hybridization (Cell)

  Protocol Download

Gene Info — MXI1

Entrez GeneID	4601
Gene Name	MXI1
Gene Alias	MAD2, MGC43220, MXD2, MXI, bHLHc11
Gene Description	MAX interactor 1

Omim ID	176807 600020
Gene Ontology	Hyperlink
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
Other Designations	MAX dimerization protein 2|MAX interacting protein 1|MAX-interacting protein 1|Max-related transcription factor|OTTHUMP00000020467|OTTHUMP00000020468|OTTHUMP00000020469

Disease

- Alzheimer Disease
- Genetic Predisposition to Disease