

MKL1 FISH Probe

Catalog # FA0459 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 — MKL1

Entrez GeneID	57591
Gene Name	MKL1
Gene Alias	BSAC, MAL, MRTF-A
Gene Description	megakaryoblastic leukemia (translocation) 1

Omim ID [606078](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene interacts with the transcription factor myocardin, a key regulator of smooth muscle cell differentiation. The encoded protein is predominantly nuclear and may help transduce signals from the cytoskeleton to the nucleus. This gene is involved in a specific translocation event that creates a fusion of this gene and the RNA-binding motif protein-15 gene. This translocation has been associated with acute megakaryocytic leukemia. [provided by RefSeq]

Other Designations OTTHUMP00000028831|RBM15/MKL1 fusion|RNA-binding motif protein 15/megakaryoblastic leukemia-1 fusion protein|basic, SAP and coiled-coil domain|megakaryoblastic leukemia 1|megakaryoblastic leukemia 1 protein|megakaryocytic acute leukemia|myocardin-related

Disease

- [Atherosclerosis](#)
- [Coronary Artery Disease](#)
- [Disease Susceptibility](#)