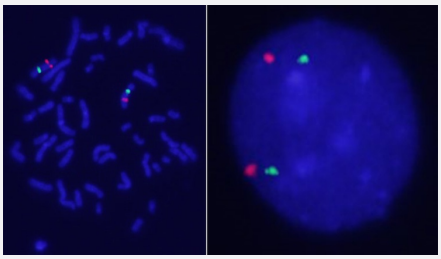
LMNB1/CEN5q FISH Probe

Catalog # FG0271 Size 200 uL

Applications



Hybridization position of the probes on the chromosome.

Hybridization position of the probes on the chromosome.

Specification

Product Description	Labeled FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization T echnique. (Technology).
Probe 1	**Name:** LMNB1 **Size:** Approximately 260kb **Fluorophore:** Texas Red **Location:** 5q23.2
Probe 2	**Name:** CEN5q **Size:** Approximately 700kb **Fluorophore:** FITC **Location:** 5q11.2
Origin	Human

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Source	Genomic DNA
Form	Liquid
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.
Regulatory Status	For research use only (RUO)
Quality Control Testing	Representative images of normal human cell (lymphocyte) stain with the dual color FISH probe. The l eft image is chromosomes at metaphase, and the right image is an interphase nucleus.
Supplied Products	DAPI Counterstain (1500 ng/mL) 125 uL for each 100 uL FISH Probe
Storage Instruction	Store at 4°C in the dark.
Note	Hybridization position of the probes on the chromosome. Hybridization position of the probes on the chromosome.
Self-Attestation	Abnova self-attests to comply with the U.S. Framework for Nucleic Acid Synthesis Screening

Applications

- Fluorescent In Situ Hybridization (Cell)

  Protocol Download

Gene Info — LMNB1

Entrez GeneID	4001
Gene Name	LMNB1
Gene Alias	ADLD, LMN, LMN2, LMNB, MGC111419
Gene Description	lamin B1
Omim ID	150340 169500
Gene Ontology	Hyperlink
Gene Summary	The nuclear lamina consists of a two-dimensional matrix of proteins located next to the inner nucle ar membrane. The lamin family of proteins make up the matrix and are highly conserved in evoluti on. During mitosis, the lamina matrix is reversibly disassembled as the lamin proteins are phosph orylated. Lamin proteins are thought to be involved in nuclear stability, chromatin structure and ge ne expression. Vertebrate lamins consist of two types, A and B. This gene encodes one of the tw o B type proteins, B1. [provided by RefSeq

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Other Designations	-

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Multiple Sclerosis

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