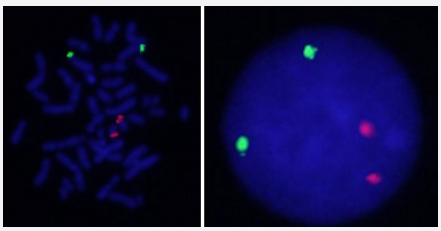
Sm Size

MYB/NFIB Translocation FISH Probe

Catalog # FT0037 Size 200 uL, 100 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 translocation using Fluorescent In Situ Hybridization T echnique. (Technology).
Probe 1	**Name:** MYB **Size:** Approximately 1010kb **Fluorophore:** FITC **Location:** 6q22-23
Probe 2	**Name:** NFIB **Size:** Approximately 1090kb **Fluorophore:** Texas Red **Location:** 9p24.1
Origin	Human

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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.
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.
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 — MYB

Entrez GeneID	4602
Gene Name	MYB
Gene Alias	Cmyb, c-myb, c-myb_CDS, efg
Gene Description	v-myb myeloblastosis viral oncogene homolog (avian)
Omim ID	189990
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a transcription factor that is a member of the MYB family of transcription factor genes. The protein contains three domains, an N-terminal DNA-binding domain, a central transcri ptional activation domain and a C-terminal domain involved in transcriptional repression. This prot ein plays an essential role in the regulation of hematopoiesis and may play a role in tumorigenesi s. Alternative splicing results in multiple transcript variants. [provided by RefSeq

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Other Designations	Avian myeloblastosis viral (v-myb) oncogene homolog|OTTHUMP00000017258|c-myb protein (1 40 AA)|c-myb10A_CDS|c-myb13A_CDS|c-myb14A_CDS|c-myb8B_CDS|v-myb avian myelobla stosis viral oncogene homolog|v-myb myeloblastosis viral oncogene homolog

Gene Info — NFIB

Entrez GeneID	4781
Gene Name	NFIB
Gene Alias	HMGIC/NFIB, NFI-RED, NFIB2, NFIB3
Gene Description	nuclear factor I/B
Omim ID	600728
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000022765|OTTHUMP00000044928

Disease

- alpha-Thalassemia
- Anemia
- Asthma
- Atherosclerosis
- beta-Thalassemia
- Cardiovascular Diseases
- Cardiovascular Diseases
- Coronary Artery Disease
- Diabetes Mellitus
- Diabetes Mellitus
- Edema
- Edema
- Genetic Predisposition to Disease

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- Graft Occlusion
- Hypertension
- Myocardial Infarction
- Nasal Polyps
- Obesity
- Pain
- Thalassemia

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