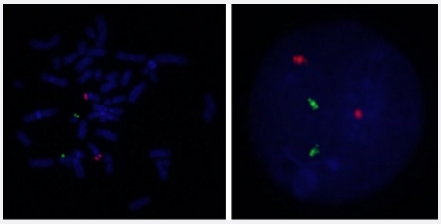
Sm Size

NFIB/TCF3 SY Translocation FISH Probe

Catalog # FT0014 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 transloaction using Fluorescent In Situ Hybridization T echnique. (Technology).
Probe 1	**Name:** NFIB **Size:** Approximately 500kb **Fluorophore:** Texas Red **Location:** 9p24.1
Probe 2	**Name:** TCF3 **Size:** Approximately 720kb **Fluorophore:** FITC **Location:** 19p13.3
Origin	Human

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Source	Genomic DNA
Reactivity	Human
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.
Regulation 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 — 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

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Gene Info — TCF3

Entrez GeneID	6929
Gene Name	TCF3
Gene Alias	E2A, ITF1, MGC129647, MGC129648, bHLHb21
Gene Description	transcription factor 3 (E2A immunoglobulin enhancer binding factors E12/E47)
Omim ID	147141
Gene Ontology	Hyperlink
Gene Summary	The TCF3 gene, also called E2A, encodes 2 basic helix-loop-helix (bHLH) transcription factors, E12 and E47, through alternative splicing. E12 and E47 are involved in regulation of immunoglobulin gene expression (Bain et al., 1994 [PubMed 8001125]).[supplied by OMIM
Other Designations	E2A immunoglobulin enhancer-binding factor E12/E47|immunoglobulin transcription factor 1|kappa-E2-binding factor|transcription factor 3|transcription factor E2-alpha

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema

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