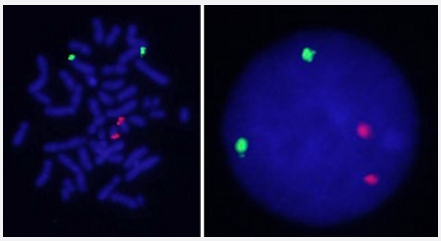
Sm Size

RREB1/MAP3K10 Translocation FISH Probe

Catalog # FT0038 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:** RREB1 **Size:** Approximately 610kb **Fluorophore:** FITC **Location:** 6p24.3
Probe 2	**Name:** MAP3K10 **Size:** Approximately 560kb **Fluorophore:** Texas Red **Location:** 16p13.12
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 — MAP3K10

Entrez GeneID	4294
Gene Name	MAP3K10
Gene Alias	MLK2, MST
Gene Description	mitogen-activated protein kinase kinase kinase 10
Omim ID	600137
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the serine/threonine kinase family. This kinase has been shown to activate MAPK8/JNK and MKK4/SEK1, and this kinase itself can be phoshory lated, and thus activated by JNK kinases. This kinase functions preferentially on the JNK signaling pathway, and is reported to be involved in nerve growth factor (NGF) induced neuronal apoptosis. [provided by RefSeq
Other Designations	MKN28 derived nonreceptor_type serine/threonine kinase|MKN28 kinase|mixed lineage kinase 2

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Gene Info — RREB1

Entrez GeneID	6239
Gene Name	RREB1
Gene Alias	FINB, HNT, LZ321, RREB-1, Zep-1
Gene Description	ras responsive element binding protein 1
Omim ID	602209
Gene Ontology	Hyperlink
Other Designations	DNA-binding protein|finger protein in nuclear bodies|hindsight homolog|zinc finger motif enhancer binding protein 1

Pathway

- MAPK signaling pathway

Disease

- Tobacco Use Disorder

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