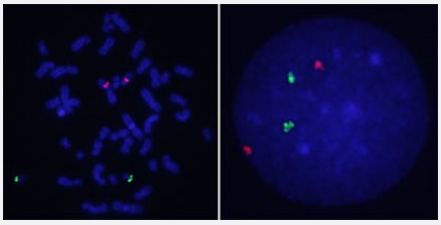
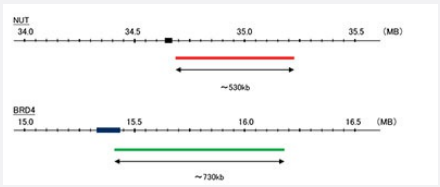
NUT/BRD4 SY Translocation FISH Probe

Catalog # FT0041 Size 100 uL

Applications





Hybridization position of the probes on the chromosome.

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Specification

Product Description	Labeled FISH probes for identification of gene translocation using Fluorescent In Situ Hybridization T echnique. (Technology).
Probe 1	**Name:** NUT **Size:** Approximately 530kb **Fluorophore:** Texas Red **Location:** 15q14
Probe 2	**Name:** BRD4 **Size:** Approximately 730kb **Fluorophore:** FITC **Location:** 19p13.1
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.
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 — BRD4

Entrez GeneID	23476
Gene Name	BRD4
Gene Alias	CAP, HUNK1, HUNKI, MCAP
Gene Description	bromodomain containing 4
Omim ID	608749
Gene Ontology	Hyperlink

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Gene Summary	The protein encoded by this gene is homologous to the murine protein MCAP, which associates with chromosomes during mitosis, and to the human RING3 protein, a serine/threonine kinase. Ea ch of these proteins contains two bromodomains, a conserved sequence motif which may be invol ved in chromatin targeting. This gene has been implicated as the chromosome 19 target of transl ocation t(15;19)(q13;p13.1), which defines an upper respiratory tract carcinoma in young people. Two alternatively spliced transcript variants have been described. [provided by RefSeq
Other Designations	bromodomain-containing 4|bromodomain-containing protein 4|chromosome-associated protein

Gene Info — C15orf55

Entrez GeneID	256646
Gene Name	C15orf55
Gene Alias	DKFZp434O192, MGC138683, MGC138684, NUT
Gene Description	chromosome 15 open reading frame 55
Omim ID	608963
Gene Ontology	Hyperlink
Other Designations	nuclear protein in testis

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