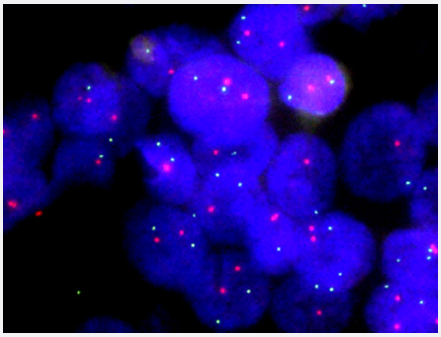
SURF6/CEN9q FISH Probe

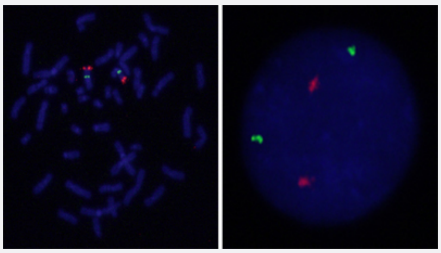
Catalog # FG0124 Size 200 uL, 100 uL

Applications



Fluorescent *In Situ* Hybridization (Formalin/PFA-fixed paraffin-embedded sections)

human prostate cancer (FFPE) stained with SURF6/CEN9q FISH Probe . human prostate cancer showed no SURF6 amplification.



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:** SURF6 **Size:** Approximately 270kb **Fluorophore:** Texas Red **Location:** 9p34
Probe 2	**Name:** CEN9q **Size:** Approximately 470kb **Fluorophore:** FITC **Location:** 9q21
Probe Gap	The gap between two probes is approximately 64,300 kb
Origin	Human
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 Product	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.

Applications

- Fluorescent In Situ Hybridization (Cell)

  Protocol Download

- Fluorescent *In Situ* Hybridization (Formalin/PFA-fixed paraffin-embedded sections)

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  Protocol Download

Gene Info — SURF6

Entrez GeneID	6838
Gene Name	SURF6
Gene Alias	FLJ30322
Gene Description	surfeit 6
Omim ID	185642
Gene Ontology	Hyperlink
Gene Summary	This gene is located in the surfeit gene cluster, a group of very tightly linked genes that do not shar e sequence similarity. The gene demonstrates features of a housekeeping gene, being ubiquitou sly expressed, and the encoded protein has been localized to the nucleolus. The protein includes motifs found in both the mouse and fish orthologs, which suggests a putative function as a nucleol ar-matrix protein with nucleic acid-binding properties, based on characteristics determined in mo use. [provided by RefSeq
Other Designations	OTTHUMP00000022488|surfeit locus protein 6