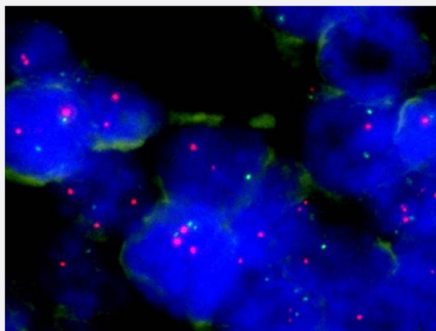


# 1p36.33/CEN1p FISH Probe

Catalog # FG0027

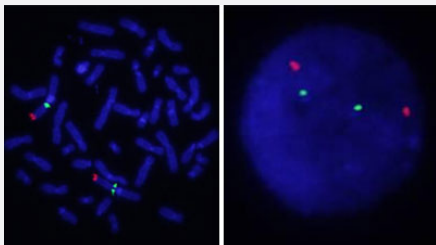
Size 200 uL, 100 uL

## Applications



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

Human colon cancer (FFPE) stained with 1p36.33/CEN1p FISH Probe. Human colon cancer showed no 1p36.33 gene 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 Technique. ([Technology](#)).

Probe 1	<b>Name:</b> 1p36.33 <b>Size:</b> Approximately 600kb <b>Fluorophore:</b> Texas Red <b>Location:</b> 1p36.33
Probe 2	<b>Name:</b> CEN1p <b>Size:</b> Approximately 780kb <b>Fluorophore:</b> FITC <b>Location:</b> 1p13.3
Probe Gap	The gap between two probes is approximately 107,700 kb.
Origin	Human
Source	Genomic DNA
Reactivity	Human
Form	Liquid
Notice	We <b>strongly recommend</b> the customer to use FFPE FISH PreTreatment Kit 1 (Catalog #: <a href="#">KA2375</a> or <a href="#">KA2691</a> ) 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 left 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)

Human colon cancer (FFPE) stained with 1p36.33/CEN1p FISH Probe. Human colon cancer showed no 1p36.33 gene amplification

[Protocol Download](#)

## Publication Reference

- [Genomic gains and losses in malignant mesothelioma demonstrated by FISH analysis of paraffin-embedded tissues.](#)

Takeda M, Kasai T, Enomoto Y, Takano M, Morita K, Kadota E, Iizuka N, Maruyama H, Nonomura A.

Journal of Clinical Pathology 2012 Jan; 65(1):77.