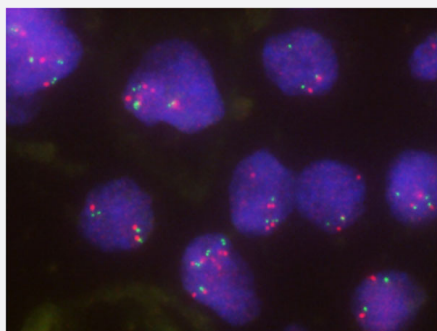


## TPX2/CEN20p FISH Probe

Catalog # FG0041

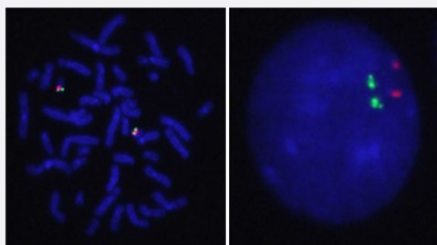
Size 200 uL, 100 uL

### Applications



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

Human lung, adenosquamous cell carcinoma (FFPE) stained with TPX2/CEN20p FISH Probe. Human lung, adenosquamous cell carcinoma showed no TPX2 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> TPX2 <b>Size:</b> Approximately 150kb <b>Fluorophore:</b> Texas Red <b>Location:</b> 20q11.2
Probe 2	<b>Name:</b> CEN20p <b>Size:</b> Approximately 400kb <b>Fluorophore:</b> FITC <b>Location:</b> 20p11.21
Probe Gap	The gap between two probes is approximately 7,900 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 lung, adenosquamous cell carcinoma (FFPE) stained with TPX2/CEN20p FISH Probe. Human lung, adenosquamous cell carcinoma showed no TPX2 gene amplification.

[Protocol Download](#)

## Gene Info — TPX2

Entrez GeneID	<a href="#">22974</a>
Gene Name	TPX2
Gene Alias	C20orf1, C20orf2, DIL-2, DIL2, FLS353, GD:C20orf1, HCA519, HCTP4, REPP86, p100
Gene Description	TPX2, microtubule-associated, homolog (Xenopus laevis)
Omim ID	<a href="#">605917</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	microtubule-associated
Other Designations	TPX2, microtubule-associated protein homolog differentially expressed in lung cells hepatocellular carcinoma-associated antigen 519 preferentially expressed in colorectal cancer restricted expression proliferation associated protein 100 targeting protein

## Disease

- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Occupational Diseases](#)