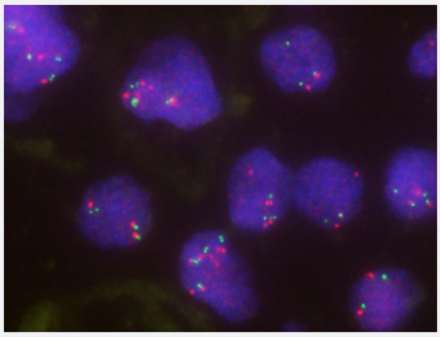
Sm Size

TPX2/CEN20p FISH Probe

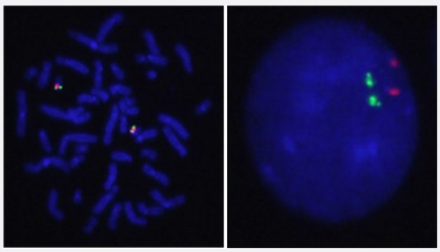
Catalog # FG0041 Size 200 uL, 100 uL

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 T echnique. (Technology).

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Probe 1	**Name:** TPX2 **Size:** Approximately 150kb **Fluorophore:** Texas Red **Location:** 20q11.2
Probe 2	**Name:** CEN20p **Size:** Approximately 400kb **Fluorophore:** FITC **Location:** 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 **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 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 (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

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Fluorescent In Situ Hybridization (Cell)

  Protocol Download

Gene Info — TPX2

Entrez GeneID	22974
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	605917
Gene Ontology	Hyperlink
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 expres sion proliferation associated protein 100|targeting protein

Disease

- Genetic Predisposition to Disease
- Hematologic Diseases
- Occupational Diseases

Copyright © 2023 Abnova Corporation. All Rights Reserved.