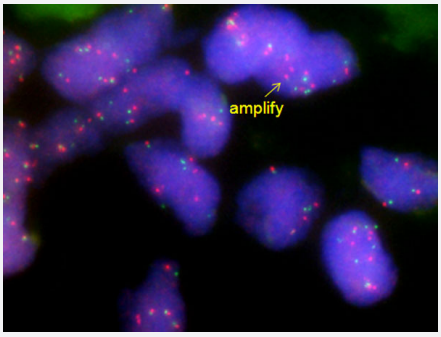
Sm Size

GINS3/CEN16q FISH Probe

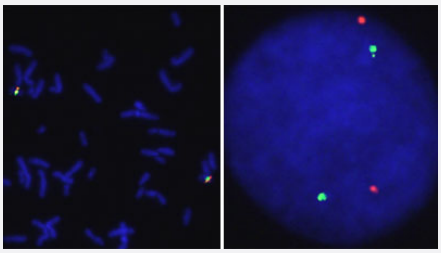
Catalog # FG0083 Size 200 uL, 100 uL

Applications



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

Human lung squamous cell carcinoma (FFPE) stained with GINS3/CEN16q FISH Probe. Human lung squamous cell carcinoma showed GINS3 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).

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Probe 1	**Name:** GINS3 **Size:** Approximately 370kb **Fluorophore:** Texas Red **Location:** 16q21
Probe 2	**Name:** CEN16q **Size:** Approximately 700kb **Fluorophore:** FITC **Location:** 16q12.1
Probe Gap	The gap between two probes is approximately 8,660 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 squamous cell carcinoma (FFPE) stained with GINS3/CEN16q FISH Probe. Human lung squamous cell carcinoma showed GINS3 gene amplification.

  Protocol Download

- Fluorescent In Situ Hybridization (Cell)

  Protocol Download

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Gene Info — GINS3

Entrez GeneID	64785
Gene Name	GINS3
Gene Alias	FLJ13912, PSF3
Gene Description	GINS complex subunit 3 (Psf3 homolog)
Omim ID	610610
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein subunit of the GINS heterotetrameric complex, which is essential for the initiation of DNA replication and replisome progression in eukaryotes. Alternatively spliced tra nscript variants encoding distinct isoforms have been described. [provided by RefSeq
Other Designations	GINS complex subunit 3

Disease

- Arrhythmias
- Death
- Genetic Predisposition to Disease

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