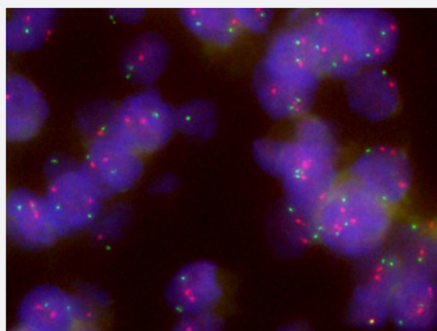


NES/CEN1p FISH Probe

Catalog # FG0079

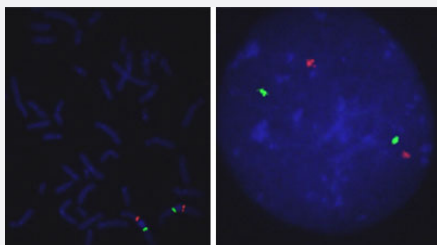
Size 200 uL, 100 uL

Applications



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

Human lung squamous cell carcinoma (FFPE) stained with NES/CEN1p FISH Probe. Human lung squamous cell carcinoma showed no NES 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	Name: NES Size: Approximately 290kb Fluorophore: Texas Red Location: 1p23.1
Probe 2	Name: CEN1p Size: Approximately 780kb Fluorophore: FITC Location: 1p13.3
Probe Gap	The gap between two probes is approximately 45,860 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 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 squamous cell carcinoma (FFPE) stained with NES/CEN1p FISH Probe. Human lung squamous cell carcinoma showed no NES gene amplification.

[Protocol Download](#)

Gene Info — NES

Entrez GeneID [10763](#)**Gene Name** NES**Gene Alias** FLJ21841, Nbla00170**Gene Description** nestin**Omim ID** [600915](#)**Gene Ontology** [Hyperlink](#)

Gene Summary Nestin is an intermediate filament protein that was first identified with a monoclonal antibody by Hockfield and McKay (1985) [PubMed 4078630]. It is expressed predominantly in stem cells of the central nervous system in the neural tube. Upon terminal neural differentiation, nestin is downregulated and replaced by neurofilaments.[supplied by OMIM]

Other Designations OTTHUMP00000032198

Disease

- [Atherosclerosis](#)
- [Coronary Disease](#)