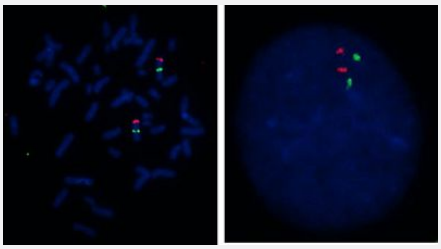
Sm Size

SMO/CEN7q FISH Probe

Catalog # FG0153 Size 200 uL, 100 uL

Applications



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).
Probe 1	**Name:** SMO **Size:** Approximately 290kb **Fluorophore:** Texas Red **Location:** 7q32.3
Probe 2	**Name:** CEN7q **Size:** Approximately 800kb **Fluorophore:** FITC **Location:** 7q11.21
Probe Gap	The gap between two probes is approximately 63,000 kb

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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 (Cell)

  Protocol Download

Gene Info — SMO

Entrez GeneID	6608
Gene Name	SMO
Gene Alias	Gx, SMOH
Gene Description	smoothened homolog (Drosophila)
Omim ID	601500
Gene Ontology	Hyperlink
Other Designations	seven transmembrane helix receptor|smoothened

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Pathway

- Basal cell carcinoma
- Hedgehog signaling pathway
- Pathways in cancer

Disease

- Autistic Disorder
- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Neoplasm Recurrence
- Neoplasms
- Pancreatic cancer
- Pancreatic Neoplasms
- Thyroid Neoplasms
- Urinary Bladder Neoplasms

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