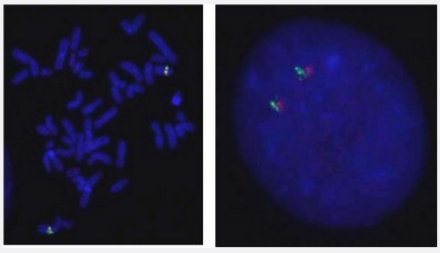
Sm Size

FKHR Split FISH Probe

Catalog # FS0010 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 split using Fluorescent In Situ Hybridization Technique. (Technology).
Probe 1	**Name:** FKHR(FITC) **Size:** Approximately 600kb **Fluorophore:** FITC **Location:** 13q14.1
Probe 2	**Name:** FKHR(Texas Red) **Size:** Approximately 510kb **Fluorophore:** Texas Red **Location:** 13q14.1
Probe Gap	The gap between two probes is approximately 90 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 — FOXO1

Entrez GeneID	2308
Gene Name	FOXO1
Gene Alias	FKH1, FKHR, FOXO1A
Gene Description	forkhead box O1
Omim ID	136533 268220
Gene Ontology	Hyperlink

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Gene Summary	This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in myogenic growth and differentiation. Translocation of this gene with PAX3 has been associated with alveolar rhabdomyosarcoma. [provided by RefSeq
Other Designations	OTTHUMP00000018301|forkhead box O1A (rhabdomyosarcoma)|forkhead homolog in rhabdomyosarcoma|forkhead, Drosophila, homolog of, in rhabdomyosarcoma

Pathway

- Insulin signaling pathway
- Pathways in cancer
- Prostate cancer

Disease

- Atherosclerosis
- Attention Deficit Disorder with Hyperactivity
- Autistic Disorder
- Calcinosis
- Coronary Artery Disease
- Diabetes Mellitus
- Genetic Predisposition to Disease
- Glucose Intolerance
- Head and Neck Neoplasms
- NARP
- Neoplasm Recurrence
- Neoplasms
- Obesity

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