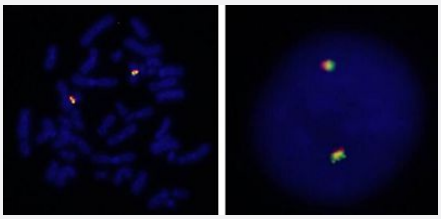
Sm Size

FOSL1 Split FISH Probe

Catalog # FS0039 Size 200 uL, 100 uL

Applications



Hybridization position of the probes on the chromosome.

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Specification

Product Description	Labeled FISH probes for identification of gene split using Fluorescent In Situ Hybridization Technique. (Technology).
Probe 1	**Name:** FOSL1 **Size:** Approximately 460kb **Fluorophore:** Texas Red **Location:** 11q13
Probe 2	**Name:** FOSL1 **Size:** Approximately 720kb **Fluorophore:** FITC **Location:** 11q13
Probe Gap	The gap between two probes is approximately 30 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 — FOSL1

Entrez GeneID	8061
Gene Name	FOSL1
Gene Alias	FRA, FRA1, fra-1
Gene Description	FOS-like antigen 1
Omim ID	136515
Gene Ontology	Hyperlink

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Gene Summary	The Fos gene family consists of 4 members: FOS, FOSB, FOSL1, and FOSL2. These genes enc ode leucine zipper proteins that can dimerize with proteins of the JUN family, thereby forming the t ranscription factor complex AP-1. As such, the FOS proteins have been implicated as regulators of cell proliferation, differentiation, and transformation. [provided by RefSeq
Other Designations	FOS-like antigen-1|Fos-related antigen

Pathway

- Wnt signaling pathway

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Disease Models
- Edema
- Genetic Predisposition to Disease

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