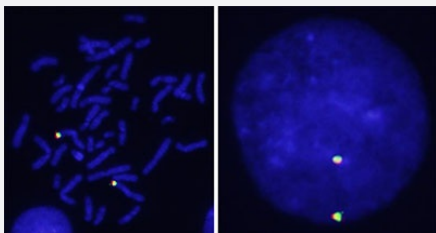


FOSB Split FISH Probe

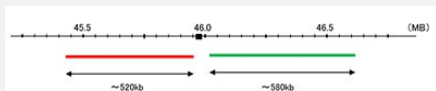
Catalog # FS0094 Size 100 uL

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: FOSB Size: Approximately 520kb Fluorophore: Texas Red Location: 19q13.32
Probe 2	Name: FOSB Size: Approximately 580kb Fluorophore: FITC Location: 19q13.32
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.
Regulatory 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](#)

Gene Info — FOSB

Entrez GeneID	2354
Gene Name	FOSB
Gene Alias	AP-1, DKFZp686C0818, G0S3, GOS3, GOSB, MGC42291
Gene Description	FBJ murine osteosarcoma viral oncogene homolog B
Omim ID	164772
Gene Ontology	Hyperlink
Gene Summary	The Fos gene family consists of 4 members: FOS, FOSB, FOSL1, and FOSL2. These genes encode leucine zipper proteins that can dimerize with proteins of the JUN family, thereby forming the transcription factor complex AP-1. As such, the FOS proteins have been implicated as regulators of cell proliferation, differentiation, and transformation. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

activator protein 1|oncogene FOS-B

Disease

- [Alzheimer disease](#)
- [Asperger Syndrome](#)
- [Autistic Disorder](#)
- [Cognition](#)
- [Genetic Predisposition to Disease](#)