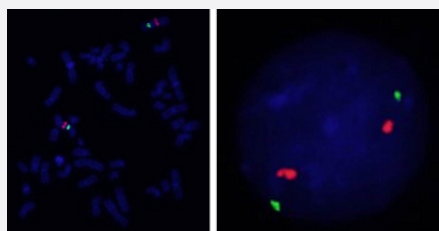


AFF1/CEN4p FISH Probe

Catalog # FG0189

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 Technique. ([Technology](#)).

Probe 1

Name: AFF1

Size: Approximately 450kb

Fluorophore: Texas Red

Location: 4q21

Probe 2

Name: CEN4p

Size: Approximately 560kb

Fluorophore: FITC

Location: 4p13

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](#)

Gene Info — AFF1

Entrez GeneID	4299
Gene Name	AFF1
Gene Alias	AF-4, AF4, AF4-MLL, MGC134969, MLL/AF4, MLLT2, PBM1
Gene Description	AF4/FMR2 family, member 1
Omim ID	159557
Gene Ontology	Hyperlink
Gene Summary	DISCONTINUED: The record for PBM1 has been withdrawn by HGNC.
Other Designations	AF4-MLL fusion protein MLL-AF4 fusion protein MLL/AF4 fusion protein myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 2 myeloid/lymphoid or mixed-lineage leukemia trithorax homolog 2 pre-B-cell monocytic leukemia

Disease

- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Tobacco Use Disorder](#)