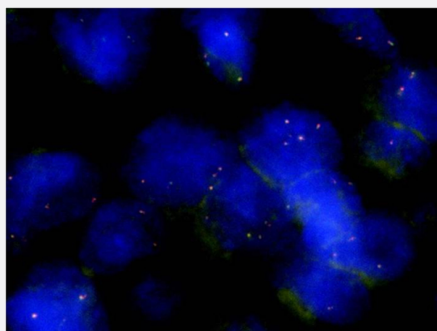


CHOP Split FISH Probe

Catalog # FS0014

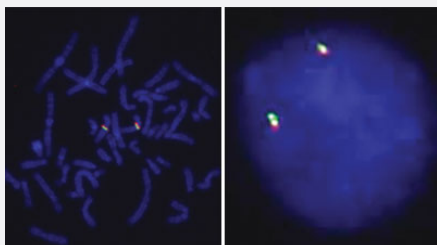
Size 200 uL, 100 uL

Applications



Fluorescent *In Situ* Hybridization (Formalin/PFA-fixed paraffin-embedded sections)

Human breast cancer (FFPE) stained with CHOP Split FISH Probe. Human breast cancer showed no CHOP gene split.



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: CHOP(Texas Red) Size: Approximately 300kb Fluorophore: Texas Red Location: 12q13.3
Probe 2	Name: CHOP(FITC) Size: Approximately 430kb Fluorophore: FITC Location: 12q13.3
Probe Gap	The gap between two probes is approximately 20 kb.
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](#)

- Fluorescent *In Situ* Hybridization (Formalin/PFA-fixed paraffin-embedded sections)

Human breast cancer (FFPE) stained with CHOP Split FISH Probe. Human breast cancer showed no CHOP gene split.

[Protocol Download](#)

Gene Info — DDIT3

Entrez GeneID	1649
Gene Name	DDIT3
Gene Alias	CEBPZ, CHOP, CHOP10, GADD153, MGC4154
Gene Description	DNA-damage-inducible transcript 3
Omim ID	126337
Gene Ontology	Hyperlink
Other Designations	C/EBP homologous protein C/EBP zeta CCAAT/enhancer-binding protein homologous protein growth arrest- and DNA damage-inducible

Publication Reference

- [Dedifferentiated liposarcoma with homologous lipoblastic differentiation: expanding the spectrum to include low-grade tumours.](#)

Jau-Yu Liao,Jen-Chieh Lee,Chen-Tu Wu,Kuan-Ting Kuo,Hsuan-Ying Huang and Cher-Wei Liang.

Histopathology 2013 Apr; 62(5):702.

Application: FISA, Human, Liposarcoma

Pathway

- [MAPK signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Cognition](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)