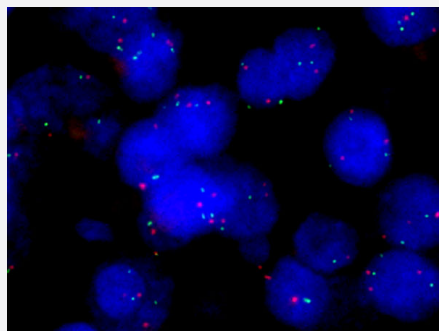


LAPTM4B/CEN8q FISH Probe

Catalog # FG0136

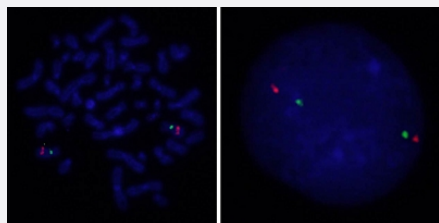
Size 200 uL, 100 uL

Applications



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

human breast cancer (FFPE) stained with LAPTM4B/CEN8q FISH Probe .
human breast cancer showed no LAPTM4B amplification.



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: LAPTM4B Size: Approximately 300kb Fluorophore: Texas Red Location: 8q22.1
Probe 2	Name: CEN8q Size: Approximately 520kb Fluorophore: FITC Location: 8q11.21
Probe Gap	The gap between two probes is approximately 48,900 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 LAPTM4B/CEN8q FISH Probe . human breast cancer showed no LAPTM4B amplification.

[Protocol Download](#)

Gene Info — LPTM4B

Entrez GeneID	55353
Gene Name	LPTM4B
Gene Alias	LPTM4beta, LC27
Gene Description	lysosomal protein transmembrane 4 beta
Gene Ontology	Hyperlink
Other Designations	lysosomal associated protein transmembrane 4 beta lysosomal associated transmembrane prote in 4 beta

Publication Reference

- [LPTM4B gene copy number gain is associated with inferior response to anthracycline-based chemotherapy in hormone receptor negative breast carcinomas.](#)

Rusz O, Papp O, Vízkeleti L, Molnár B, Bende KC, Lotz G, Ács B, Kahán Z, Székely T, Báthori Á, Szundi C, Kulka J, Szállási Z, Tőkés AM.

Cancer Chemotherapy and Pharmacology 2018 May; [Epub].

Application: FISH, Human, Breast carcinomas

- [Abstracts : 29th European Congress of Pathology.](#)

[No authors listed].

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Application: FISH, Human, Human breast cancer

Pathway

- [Lysosome](#)

Disease

- [Adenocarcinoma](#)
- [Carcinoma](#)

- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Lung carcinoma](#)
- [Lung Neoplasms](#)
- [Rectal Neoplasms](#)
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- [Tobacco Use Disorder](#)