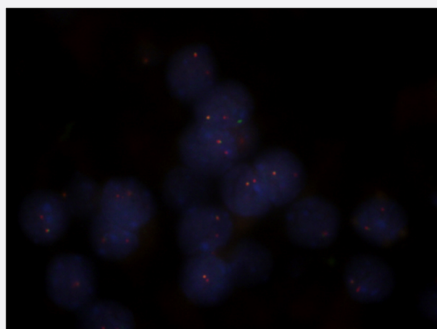


ERG Split FISH Probe

Catalog # FS0008

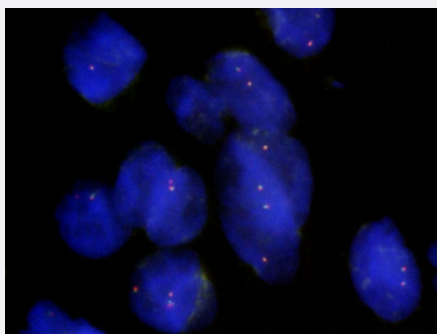
Size 200 uL, 100 uL

Applications



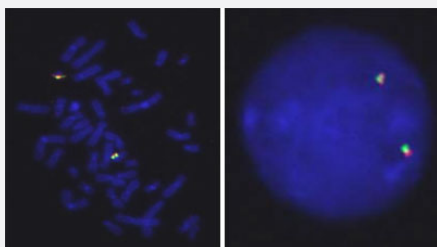
Fluorescent *In Situ* Hybridization (Formalin/PFA-fixed paraffin-embedded sections)

Human prostate cancer (FFPE) stained with ERG Split FISH Probe. Human prostate cancer showed ERG gene split.



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

Human lung, adenosquamous cell carcinoma (FFPE) stained with ERG Split FISH Probe. Human lung, adenosquamous cell carcinoma showed no ERG 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: ERG(Texas Red) Size: Approximately 330kb Fluorophore: Texas Red Location: 21q22.2-22.3
Probe 2	Name: ERG(FITC) Size: Approximately 540kb Fluorophore: FITC Location: 21q22.2-22.3
Probe Gap	The gap between two probes is approximately 70 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 prostate cancer (FFPE) stained with ERG Split FISH Probe. Human prostate cancer showed ERG gene split.

[Protocol Download](#)

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

Human lung, adenosquamous cell carcinoma (FFPE) stained with ERG Split FISH Probe. Human lung, adenosquamous cell carcinoma showed no ERG gene split.

[Protocol Download](#)

Gene Info — ERG

Entrez GeneID	2078
Gene Name	ERG
Gene Alias	erg-3, p55
Gene Description	v-ets erythroblastosis virus E26 oncogene homolog (avian)
Omim ID	165080
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000115970 TMPRSS2-ERG prostate cancer specific transcriptional regulator ERG (transforming protein ERG) v-ets avian erythroblastosis virus E26 oncogene related v-ets erythroblastosis virus E26 oncogene like

Disease

- [Adenocarcinoma](#)

- [Genetic Predisposition to Disease](#)
- [Osteoporosis](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Tobacco Use Disorder](#)