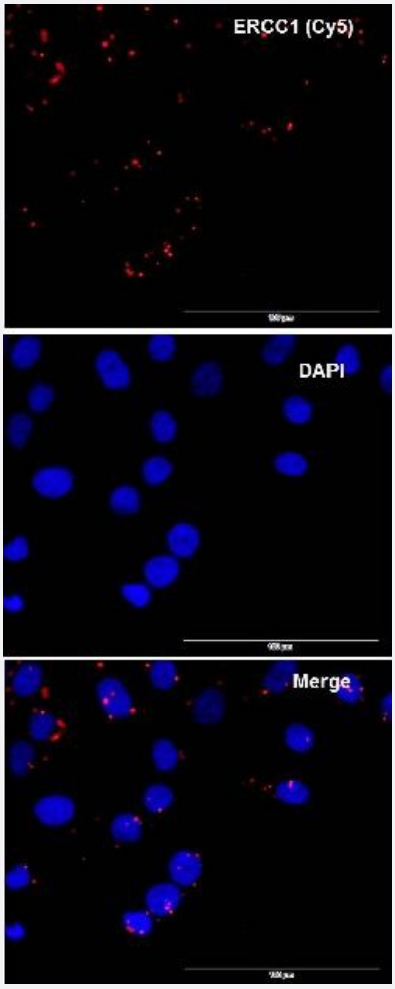
# mutaFISH™ ERCC1wt RNA Probes

Catalog # FP0024 Size 1 Probe Set

## Applications




### mutation specific, Fluorescence *In Situ* Hybridization (Frozen Tissue)

mutaFISH™ staining was performed *in situ* in PC-9 cells. ERCC1 gene was detected via red signal (Cy5).

## Specification

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|---|---|
| **Product Description** | mutaFISH™ ERCC1wt RNA Probes is designed to detect human ERCC1 gene on single strand RNA in cells using padlock probe and *in situ* rolling-circle amplification technology. |
| **Reactivity** | Human |

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|---|---|
| **Supplied Products** | Content:<br>1. RT ERCC1 Primer<br>2. mutaFISH™ ERCC1wt RNA Probe<br>3. Detection Probe-Texas Red X |
| **Technology** | mutaFISH™ (mutation-specific Fluorescence *In Situ* Hybridization) |
| **Comparison** | FISH Probes vs mutaFISH™ Probes |
| **Fluorophore** | Texas Red X (Excitation Peak (nm): 595; Emission Peak 613) |
| **Probe Position** | |
| **Regulatory Status** | For research use only (RUO) |
| **Storage Instruction** | Store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |
| **Note** | We recommend mutaFISH™ RNA Accessory Kit (Catalog #: KA4915) which provides necessary re agents and enzymes for *in situ* reverse transcription, RNA digestion, mutaFISH™ hybridization, ligati on and amplication prior to mutaFISH™. |
| **Self-Attestation** | Abnova self-attests to comply with the U.S. Framework for Nucleic Acid Synthesis Screening |
| **Video** | |

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