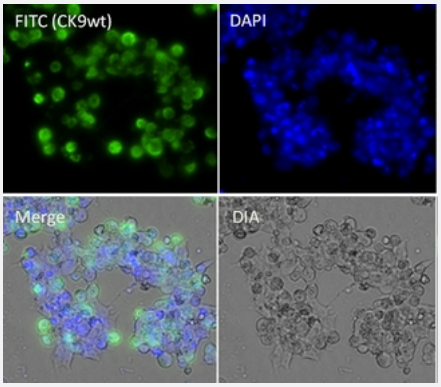
mutaFISH™ CK9wt RNA Probes

Catalog # FP0028 Size 1 Probe Set

Applications



mutation specific, Fluorescence *In Situ* Hybridization (Cells)

mutaFISH™ staining was performed *in situ* in CK9 transfected 293T. CK9 gene was detected via green signal (FITC).

Specification

Product Description	mutaFISH™ CK9wt RNA Probes is designed to detect human CK9 gene on single strand RNA in cells using padlock probe and *in situ* rolling-circle amplification technology.
Reactivity	Human
Supplied Product	Content: 1. RT CK9 Primer 2. mutaFISH™ CK9 RNA Probe 3. Detection Probe-FITC
Technology	mutaFISH™ (mutation-specific Fluorescence *In Situ* Hybridization)
Comparison	FISH Probes vs mutaFISH™ Probes
Fluorophore	FITC (Excitation Peak (nm): 495; Emission Peak (nm): 519)
Probe Position	
Regulatory Status	For research use only (RUO)

Storage Instruction	Store at -20°C. 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™.
Video	

Applications

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Gene Info — KRT9

Entrez GeneID	3857
Gene Name	KRT9
Gene Alias	CK-9, EPPK, K9
Gene Description	keratin 9
Omim ID	144200 607606
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the type I keratin 9, an intermediate filament chain expressed only in the termi nally differentiated epidermis of palms and soles. Mutations in this gene cause epidermolytic pal moplantar keratoderma. [provided by RefSeq
Other Designations	OTTHUMP00000164967|cytokeratin 9|type I cytoskeletal 9