

# FGFR2/CCP10 FISH Probe Kit

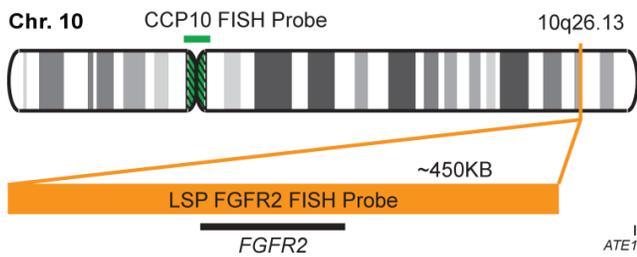
## Introduction

The FGFR2/CCP10 FISH Probe Kit is designed to detect the human *FGFR2* gene located on chromosome band 10q26.13, along with the number of chromosome 10 copies per cell. Abnormal expression or rearrangements of the *FGFR2* gene – also known as *BEK*, *CD332*, *CEK3*, *ECT1*, *KGFR*, *K-sam*, *TK14* or *TK25* – have been observed in a large number of solid tumor types, such as endometrial (uterus), lung, breast, gastric, ovarian, prostate and bladder, and other malignancies.

Intended Use
To measure the copy number of the human <i>FGFR2</i> gene located on chromosome band 10q26.13.

Cont.	Color
LSP FGFR2 FISH Probe CCP10 FISH Probe	CytoOrange CytoGreen

## Probe Design



LSP FGFR2 FISH Probe covers a chromosomal region which includes the entire *FGFR2* gene. CCP10 FISH Probe, derived from chromosome 10-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 10 copies per cell.

Not to Scale

Cat. No.	Volume
CT-PAC131-10-OG	10 Tests (100 µL)

Signal Pattern Interpretation	
<u>Normal Patterns</u> 2O2G	<u>Abnormal Patterns</u> Other Patterns

- 1) Houssaint E, et al. *Proc Natl Acad Sci U S A*. 87(20):8180-4 (1990).
- 2) Luqmani YA, et al. *Br J Cancer*. 66(2):273-80 (1992).
- 3) Mor O, et al. *Cancer Genet Cytogenet*. 65(2):111-4 (1993).
- 4) Diez de Medina SG, et al. *Oncogene*. 14(3):323-30 (1997).
- 5) Katoh M. *Int J Oncol*. 33(2):233-7 (2008).



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\* CE IVD only available in certain countries. All other countries are either ASR or RUO. Please contact your local dealer or our headquarters for more information.