

SOX2/CCP3 FISH Probe Kit

Introduction

The SOX2/CCP3 FISH Probe Kit is designed to detect the human SOX2 gene located on chromosome band 3q26.33, along with the number of chromosome 3 copies per cell. Abnormal expression of the SOX2 gene – also known as *ANOP3* or *MCOPS* – has been observed in glioma, lung, gastric, breast, colorectal and other cancer types.

Intended Use

To measure the copy number of the human SOX2 gene located on chromosome band 3q26.33.

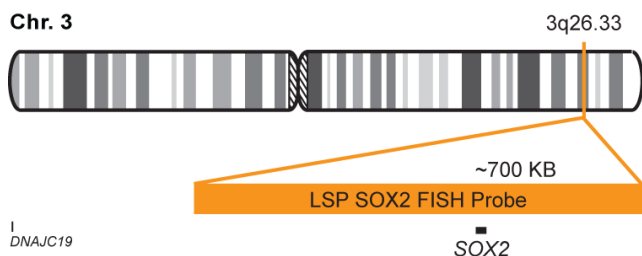
Cont.

LSP SOX2 FISH Probe
CCP3 FISH Probe

Color

CytoOrange
CytoGreen

Probe Design



LSP SOX2 FISH Probe covers a chromosomal region which includes the entire SOX2 gene. CCP3 FISH Probe, derived from chromosome 3-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 3 copies per cell.

Not to Scale

Cat. No.

CT-PAC032-10-OG

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

2O2G

Abnormal Patterns

Other Patterns

- 1) Wegner M. Nucleic Acids Res. 27(6):1409-20 (1999).
- 2) Hussenet T, et al. PLoS One. 29;5(1):e8960 (2010).
- 3) Sholl LM, et al. Am J Surg Pathol. 34(8):1193-8 (2010).
- 4) Sholl LM, et al. Appl Immunohistochem Mol Morphol. 18(1):55-61 (2010).
- 5) Annovazzi L, et al. Cancer Genomics Proteomics. 8(3):139-47 (2011).

* 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.

DCN032

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