

THOC1/CCP18 FISH Probe Kit

Introduction

The THOC1/CCP18 FISH Probe Kit is designed to detect the human THOC1 gene located on chromosome band 18p11.32, along with the number of chromosome 18 copies per cell. Abnormalities in THOC1 – also known as P84, HPR1, P84N5 or DFNA86 – have been observed in cancers including hepatocellular, colorectal, lung, prostate and other malignancies.

Intended Use

To measure the copy number of the human *THOC1* gene located on chromosome band 18p11.32.

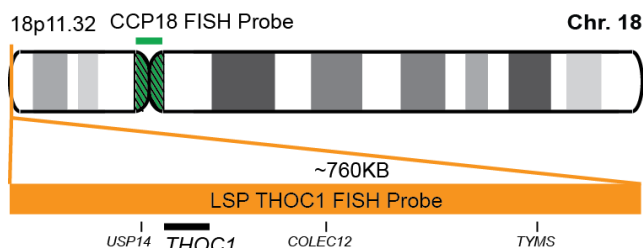
Cont.

Color

LSP THOC1 FISH Probe
CCP18 FISH Probe

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP THOC1 FISH Probe covers a chromosomal region which includes the entire *THOC1* gene. CCP18 FISH Probe, derived from chromosome 18-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 18 copies per cell.

Cat. No.

Volume

CT-PAC285-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

2O2G

Abnormal Patterns

Other Patterns

- 1) Liu C, et al. *Biochem Biophys Res Commun.* 468(1-2):53-8 (2015).
- 2) Wan J, et al. *Mol Med Rep.* 9(6):2321-7 (2014).
- 3) Guo, S, et al. *PLoS One.* 7(8):e43610 (2012).
- 4) Yang J, et al. *Ann Clin Lab Sci.* 38(2):105-12 (2008).
- 5) Dominguez-Sanchez M, et al. *BMC Cancer.* 11:77 (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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