

ZBTB16/CCP11 FISH Probe Kit

Introduction

The ZBTB16/CCP11 FISH Probe Kit is designed to detect the human ZBTB16 gene located on chromosome band 11q23.2, along with the number of chromosome 11 copies per cell. Rearrangements and abnormal expression of the ZBTB16 gene – also known as PLZF or ZNF145 – have been reported in acute promyelocytic leukemia and other neoplasias.

Intended Use

To measure the copy number of the human *ZBTB16* gene located on chromosome band 11q23.2.

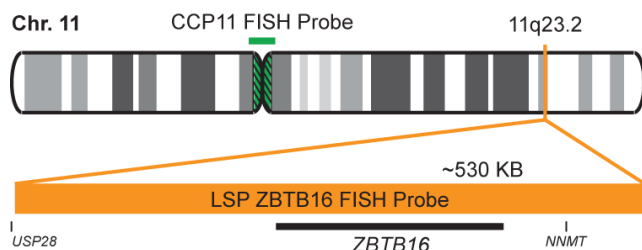
Cont.

Color

LSP ZBTB16 FISH Probe
CCP11 FISH Probe

CytoOrange
CytoGreen

Probe Design



LSP ZBTB16 FISH Probe covers a chromosomal region which includes the entire *ZBTB16* gene. CCP11 FISH Probe, derived from chromosome 11-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 11 copies per cell.

Not to Scale

Cat. No.

Volume

CT-PAC196-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

202G

Abnormal Patterns

Other Patterns

- 1) Chen SJ, et al. *J Clin Invest.* 91(5):2260-7 (1993).
- 2) Licht JD, et al. *Oncogene.* 12(2):323-36 (1996).
- 3) Pandolfi PP. *Haematologica.* 81(5):472-82 (1996).
- 4) Koken MH, et al. *Proc Natl Acad Sci U S A.* 94(19):10255-60 (1997).
- 5) Chen Z, et al. *EMBO J.* 12(3):1161-7 (1993).

* 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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