

# ZBTB16/CCP11 FISH Probe Kit

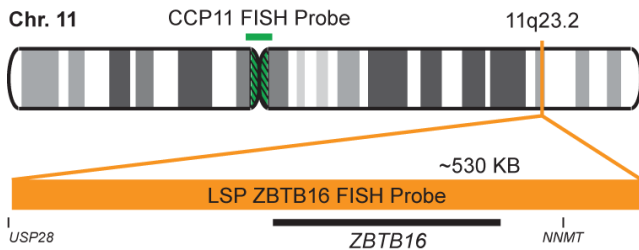
## Introduction

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 <i>ZBTB16</i> 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	
<u>Normal Patterns</u> 2O2G	<u>Abnormal Patterns</u> Other Patterns

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



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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.