

MYB/CCP6 FISH Probe Kit

Introduction

The MYB/CCP6 FISH Probe Kit is designed to detect the human *MYB* gene located on chromosome band 6q23.3, along with the number of chromosome 6 copies per cell. Rearrangements and abnormal expression of the *MYB* gene – also known as *efg*, *Cmyb*, *c-myb* or *c-myb_CDS* – have been observed in acute and lymphoid leukemias, colorectal, breast and other solid tumors and malignancies.

Intended Use

To measure the copy number of the human *MYB* gene located on chromosome band 6q23.2.

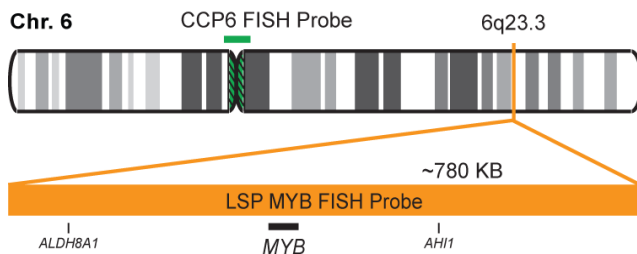
Cont.

LSP MYB FISH Probe
CCP6 FISH Probe

Color

CytoOrange
CytoGreen

Probe Design



LSP MYB FISH Probe covers a chromosomal region which includes the entire *MYB* gene. CCP6 FISH Probe, derived from chromosome 6-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 6 copies per cell.

Not to Scale

Cat. No.

CT-PAC018-10-OG

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Pattern

2O + 2G

Abnormal Pattern

Other Patterns

- 1) Kauraniemi P, et al. *Cancer Res.* 60(19):5323-8 (2000).
- 2) Clappier E, et al. *Blood.* 110(4):1251-61 (2007)
- 3) Greig KT, et al. *Semin Immunol.* 20(4):247-56 (2008).
- 4) Ramsay RG & Gonda TJ. *Nat Rev Cancer.* 8(7):523-34 (2008).
- 5) Murati A, et al. *Leukemia.* 23(1):85-94 (2009).



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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.

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