

## SEC63/MYB FISH Probe Kit

### Introduction

The SEC63/MYB FISH Probe Kit is designed to detect the human SEC63 gene located on chromosome band 6q21 and the MYB gene located on chromosome band 6q23.3. Abnormal expression of the SEC63 gene – also known as ERdj2, SEC63L, DNAJC23 or PRO2507 – and the MYB gene – also known as efg, Cmyb, c-myb or c-myb\_CDS – have been observed in lymphoid malignancies such as chronic lymphocytic leukemia (CLL), acute lymphoblastic leukemia (ALL), non-Hodgkin lymphomas (NHL) and in other cancers.

### Intended Use

To measure the copy number of the human SEC63 and MYB genes located on chromosome bands 6q21 and 6q23.3, respectively.

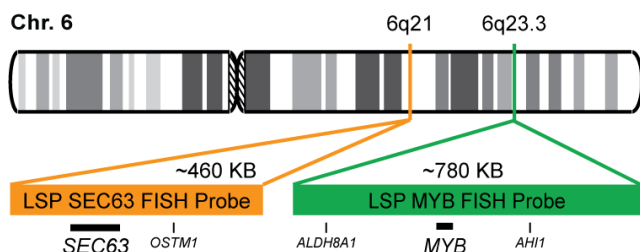
### Cont.

### Color

LSP SEC63 FISH Probe  
LSP MYB FISH Probe

CytoOrange  
CytoGreen

### Probe Design



Not to Scale

LSP SEC63 FISH Probe covers a chromosomal region which includes the entire SEC63 gene. LSP MYB FISH Probe covers a chromosomal region including the entire MYB gene.

### Cat. No.

### Volume

CT-PAC457-10-OG

10 Tests (100 µL)

### Signal Pattern Interpretation

#### Normal Patterns

202G

#### Abnormal Patterns

Other Patterns

- 1) Waanders E, et al. *Hum Mutat.* 27(8):830 (2006).
- 2) Waanders E, et al. *Clin Genet.* 78(1):47-56 (2010).
- 3) Janssen MJ, et al. *PLoS One.* 7(11):e50324 (2012).
- 4) Ramsay RG & Gonda TJ. *Nat Rev Cancer.* 8(7):523-34 (2008).
- 5) Murati A, et al. *Leukemia.* 23(1):85-94 (2009).

\* 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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