

MYB-NFIB Fusion/Translocation FISH Probe Kit

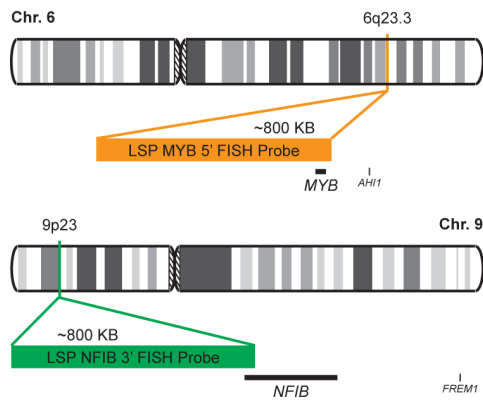
Introduction

The MYB-NFIB Fusion/Translocation FISH Probe Kit is designed to detect rearrangements involving the human *MYB* and *NFIB* genes, located on chromosome bands 6q23.3 and 9p23, respectively. Rearrangements between the two genes have been observed in adenoid cystic carcinoma and other salivary gland tumors.

Intended Use
To detect rearrangements involving the human <i>MYB</i> and <i>NFIB</i> genes located on chromosome bands 6q23.3 and 9p23, respectively.

Cont.	Color
LSP MYB 5' FISH Probe LSP NFIB 3' FISH Probe	CytoOrange CytoGreen

Probe Design



LSP MYB 5' FISH Probe covers the entire *MYB* gene along with upstream (5') and some downstream (3') genomic sequences. LSP NFIB 3' FISH Probe covers the 3' (end) portion of the *NFIB* gene along with some adjacent genomic sequences. The probe set is optimized to reveal translocations between the two genes.

Cat. No.	Volume
CT-PAC083-10-OG	10 Tests (100 µL)

Signal Pattern Interpretation	
<u>Normal Pattern</u> 2O + 2G*	<u>Abnormal Pattern</u> Other Patterns
*Overlapping orange and green signals can appear as yellow.	

- 1) Clappier E, et al. *Blood*. 110(4):1251-61 (2007).
- 2) Greig KT, et al. *Semin Immunol*. 20(4):247-56 (2008).
- 3) Ramsay RG & Gonda TJ. *Nat Rev Cancer*. 8(7):523-34 (2008).
- 4) Murati A, et al. *Leukemia*. 23(1):85-94 (2009).
- 5) Di Palma S, et al. *Histopathology*. 64(3):453-5 (2014).



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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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