

CD274/CCP9 FISH Probe Kit

Introduction

The CD274/CCP9 FISH Probe Kit is designed to detect the human *CD274* gene located on chromosome band 9p24.1, along with the number of chromosome 9 copies per cell. Upregulation of *CD274* – also known as *PDL1*, *PDCD1LG1*, *PDCD1L1*, *PD-L1*, *B7H1* or *B7-H* – has been observed in renal cell carcinoma and in many other cancer types. Altered expression of the gene has also been observed in intracellular infections and in autoimmune conditions.

Intended Use

To measure the copy number of the human *CD274* gene located on chromosome band 9p24.1.

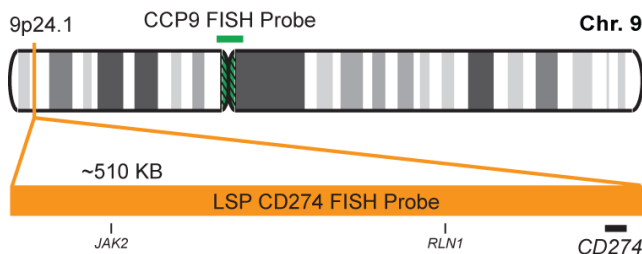
Cont.

LSP CD274 FISH Probe
CCP9 FISH Probe

Color

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP CD274 FISH Probe covers a chromosomal region which includes the entire *CD274* gene. CCP9 FISH Probe, derived from chromosome 9-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 9 copies per cell.

Cat. No.

CT-PAC238-10-OG

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

202G

Abnormal Patterns

Other Patterns

- 1) Chong LC, et al. *Blood*. 128(9):1206-13 (2016).
- 2) Van Roosbroeck K, et al. *Genes Chromosomes Cancer*. 55(5):428-41 (2016).
- 3) Leng C, et al. *Oncol Rep*. 35(2):699-708 (2016).
- 4) Papasavvas E, et al. *Oncoimmunology*. 5(5):e1128612 (2016).
- 5) Ansell SM, et al. *N Engl J Med*. 372(4):311-9 (2015).

* 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.