

PDCD1LG2/CCP9 FISH Probe Kit

Introduction

The PDCD1LG2/CCP9 FISH Probe Kit is designed to detect the human PDCD1LG2 gene located on chromosome band 9p24.1, along with the number of chromosome 9 copies per cell. Abnormal expression of the PDCD1LG2 gene – also known as PDL2, PDCD1L2, bA574F11.2, PD-L2, CD273, Btdc or B7DC – has been observed in several lymphoma subtypes, in melanoma, and in various types of solid tumors like esophageal adenocarcinoma and others.

Intended Use

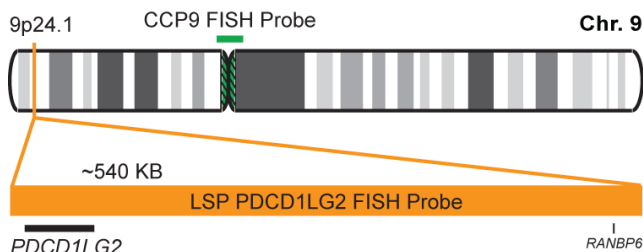
To measure the copy number of the human *PDCD1LG2* gene located on chromosome band 9p24.1.

Cont.

Color

LSP PDCD1LG2 FISH Probe CytoOrange
CCP9 (Pericentromeric) FISH Probe CytoGreen

Probe Design



LSP PDCD1LG2 FISH Probe covers a chromosomal region which includes the entire *PDCD1LG2* 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.

Not to Scale

Cat. No.

Volume

CT-PAC239-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

2O2G

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.

DCN032

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