

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.

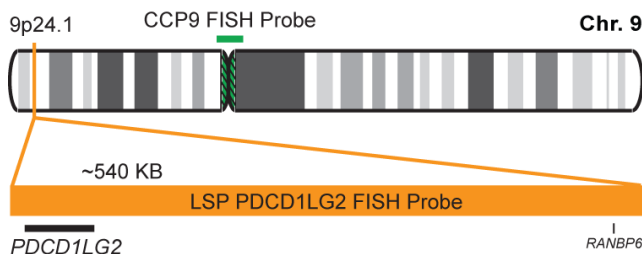
Cont.

Color

LSP PDCD1LG2 FISH Probe
CCP9 FISH Probe

CytoOrange
CytoGreen

Probe Design



Not to Scale

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.

Cat. No.

Volume

CT-PAC239-10-OG

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.