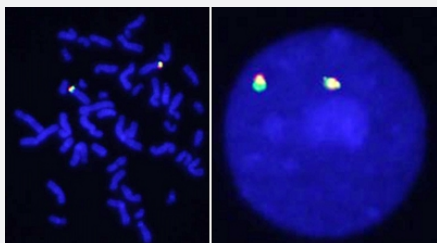


# PD-L1/PD-L2 Split FISH Probe

Catalog # FS0075

Size 200 uL, 100 uL

## Applications



Hybridization position of the probes on the chromosome.

Hybridization position of the probes on the chromosome.

## Specification

### Product Description

Labeled FISH probes for identification of gene split using Fluorescent In Situ Hybridization Technique. ([Technology](#)).

### Probe 1

**Name:** PD-L1  
**Size:** Approximately 430kb  
**Fluorophore:** Texas Red  
**Location:** 9p24

### Probe 2

**Name:** PD-L2  
**Size:** Approximately 570kb  
**Fluorophore:** FITC  
**Location:** 9p24

### Origin

Human

|                         |                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Source                  | Genomic DNA                                                                                                                                                                                                                   |
| Reactivity              | Human                                                                                                                                                                                                                         |
| Notice                  | We <b>strongly recommend</b> the customer to use FFPE FISH PreTreatment Kit 1 (Catalog #: <a href="#">KA2375</a> or <a href="#">KA2691</a> ) for the pretreatment of Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections. |
| Regulatory Status       | For research use only (RUO)                                                                                                                                                                                                   |
| Quality Control Testing | Representative images of normal human cell (lymphocyte) stain with the dual color FISH probe. The left image is chromosomes at metaphase, and the right image is an interphase nucleus.                                       |
| Supplied Product        | DAPI Counterstain (1500 ng/mL ) 125 uL for each 100 uL FISH Probe                                                                                                                                                             |
| Storage Instruction     | Store at 4°C in the dark.                                                                                                                                                                                                     |
| Note                    | Hybridization position of the probes on the chromosome.<br>Hybridization position of the probes on the chromosome.                                                                                                            |

## Applications

- Fluorescent In Situ Hybridization (Cell)

[Protocol Download](#)

## Gene Info — CD274

|                    |                                                                   |
|--------------------|-------------------------------------------------------------------|
| Entrez GeneID      | <a href="#">29126</a>                                             |
| Gene Name          | CD274                                                             |
| Gene Alias         | B7-H, B7H1, MGC142294, MGC142296, PD-L1, PDCD1L1, PDCD1LG1, PDL1  |
| Gene Description   | CD274 molecule                                                    |
| Omim ID            | <a href="#">605402</a>                                            |
| Gene Ontology      | <a href="#">Hyperlink</a>                                         |
| Other Designations | CD274 antigen OTTHUMP00000021029 programmed cell death 1 ligand 1 |

## Gene Info — PDCD1LG2

Entrez GeneID [80380](#)

|                    |                                                                           |
|--------------------|---------------------------------------------------------------------------|
| Gene Name          | PDCD1LG2                                                                  |
| Gene Alias         | B7DC, Btdc, CD273, MGC142238, MGC142240, PD-L2, PDCD1L2, PDL2, bA574F11.2 |
| Gene Description   | programmed cell death 1 ligand 2                                          |
| Omim ID            | <a href="#">605723</a>                                                    |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                 |
| Other Designations | OTTHUMP00000021030 PD-1-ligand 2 programmed death ligand 2                |

## Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [Cell adhesion molecules \(CAMs\)](#)

## Disease

- [Addison Disease](#)
- [Arthritis](#)
- [Autoimmune Diseases](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Genetic Predisposition to Disease](#)
- [Graves Disease](#)
- [Graves Disease](#)
- [Lupus Erythematosus](#)
- [Multiple Sclerosis](#)
- [Narcolepsy](#)

- [Rheumatoid Nodule](#)