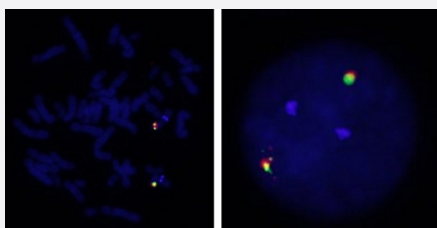


CD274/CD273/CEN9q FISH Probe

Catalog # FG0191

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 amplification using Fluorescent In Situ Hybridization Technique. ([Technology](#)).

Probe 1

Name: CD274
Size: Approximately 150kb
Fluorophore: Texas Red
Location: 9p24

Probe 2

Name: CD273
Size: Approximately 180kb
Fluorophore: FITC
Location: 9p24

Probe 3

Name: CEN9q
Size: Approximately 470kb
Fluorophore:
Location: 9q21

Origin	Human
Source	Genomic DNA
Reactivity	Human
Form	Liquid
Notice	We strongly recommend the customer to use FFPE FISH PreTreatment Kit 1 (Catalog #: KA2375 or KA2691) for the pretreatment of Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections.
Regulation Status	For research use only (RUO)
Quality Control Testing	Representative images of normal human cell (lymphocyte) stain with the triple 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: Hybridization position of the probes on the chromosome:

Applications

- Fluorescent In Situ Hybridization (Cell)

[Protocol Download](#)

Gene Info — CD274

Entrez GeneID	29126
Gene Name	CD274
Gene Alias	B7-H, B7H1, MGC142294, MGC142296, PD-L1, PDCD1L1, PDCD1LG1, PDL1
Gene Description	CD274 molecule
Omim ID	605402

Gene Ontology

[Hyperlink](#)

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

[605723](#)

Gene Ontology

[Hyperlink](#)

Other Designations

OTTHUMP00000021030|PD-1-ligand 2|programmed death ligand 2

Publication Reference

- [Clinical significance of PD-1/PD-Ls gene amplification and overexpression in patients with hepatocellular carcinoma.](#)

Ma LJ, Feng FL, Dong LQ, Zhang Z, Duan M, Liu LZ, Shi JY, Yang LX, Wang ZC, Zhang S, Ding ZB, Ke AW, Cao Y, Zhang XM, Zhou J, Fan J, Wang XY, Gao Q.

Theranostics 2018 Nov; 8(20):5690.

Application: FISH, Human, Human hepatocellular carcinoma

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](#)