

# CHO-PDCD1 | 305973

## CHO-PDCD1

**Description**

CHO-PDCD1 is a CHO cell line expressing the PDCD1 protein. The cells are derived from CHO-K1 cells and are stably transfected with a PDCD1 expression vector. The cells are grown in DMEM supplemented with 10% fetal bovine serum (FBS) and 1% penicillin-streptomycin. The PDCD1 protein is expressed as a soluble protein and is secreted into the culture medium. The cells are used for the production of antibodies against PDCD1.

CHO-PDCD1 cells are a CHO cell line (CHO) expressing PDCD1 (PDCD1LG2). CHO cells are a CHO cell line expressing PDCD1. CHO-PDCD1 cells are a CHO cell line expressing PDCD1.

**Organism** CHO

**Tissue** CHO

**Disease** PD-1 (PDCD1/CD279)

**Applications** CHO-PDCD1 cells are used for the production of antibodies against PD-1.

## CHO-PDCD1

**Age** CHO

**Gender** CHO

**Morphology** CHO

**Cell type** CHO

**Growth properties** CHO

## CHO-PDCD1

**Citation** CHO-PDCD1 (CHO) Cytion: 305973

**Biosafety level** 1

**NCBI\_TaxID** 10029

Product sheet

**CHO-PDCD1 | 305973**

**CellosaurusAccession** CVCL\_A8X0

**GMO Status** GMO-S1: CHO CHO PDCD1

**Receptors expressed** PDCD1/CD279

**Culture Medium** DMEM: DMEM:Ham's F12 (1:1) 3.1 2.5 15  
CHO A (InSCREENeX InSCREENeX INS-ME-1039)

**Supplements** 5 FBS (G418-Sulfat) 0.5

**Dissociation Reagent**

**Doubling time** 14-16

**Subculturing**

**Split ratio** 1 5

**Seeding density**  $2 \times 10^5$  /

**Fluid renewal** 2 3

**Post-Thaw Recovery** 1:2 1:3 T25

**Freeze medium** (FBS) + 10% DMSO

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**Thawing and Culturing Cells**

1. Thaw the vial quickly in a 37°C water bath. Transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in 10 ml of medium.
3. Seed the cells into a T75 flask containing 75 ml of medium.
4. Incubate the cells at 37°C in a humidified CO<sub>2</sub> incubator.
5. Monitor the cell growth and confluency.
6. Harvest the cells when they reach 70-80% confluency.
7. Perform a cell count and passage the cells.
8. Store the cells in liquid nitrogen for long-term storage.

**Incubation Atmosphere**

37°C, 5% CO<sub>2</sub>

**Shipping Conditions**

Shipped at -150°C to -196°C in dry ice.

**Storage Conditions**

Store at -150°C to -196°C in liquid nitrogen.

**CHO-PDCD1 / CHO-PDCD1 / HLA**

**Sterility**

The cells are tested for sterility using PCR and other methods. The results are provided in the Certificate of Analysis (COA).