

## CHO-PD-L1 | 305975

### CHO-PD-L1

**Description**

CHO-PD-L1 is a CHO cell line expressing PD-L1 (CD274/B7-H1). The cells are grown in DMEM supplemented with 10% FBS. The PD-L1 expression is induced by the addition of interferon-gamma (IFN-γ) to the culture medium.

CHO-PD-L1 cells are a CHO cell line (CHO) expressing PD-L1 (CD274/B7-H1). The cells are grown in DMEM supplemented with 10% FBS. The PD-L1 expression is induced by the addition of interferon-gamma (IFN-γ) to the culture medium.

CHO-PD-L1 cells are a CHO cell line expressing PD-L1 (CD274/B7-H1). The cells are grown in DMEM supplemented with 10% FBS. The PD-L1 expression is induced by the addition of interferon-gamma (IFN-γ) to the culture medium.

**Organism** CHO

**Tissue** CHO

**Disease** PD-L1 (CD274/B7-H1)

**Applications** CHO-PD-L1 cells are used for the study of PD-L1 expression and its role in cancer immunology.

### CHO-PD-L1

**Age** CHO

**Gender** CHO

**Morphology** CHO

**Cell type** CHO

**Growth properties** CHO

### CHO-PD-L1

**Citation** CHO-PD-L1 (CHO) Cytion: 305975

**Biosafety level** 1

**NCBI\_TaxID** 10029

Product sheet

CHO-PD-L1 | 305975

<b>CellosaurusAccession</b>	CVCL_A8X1
<b>GMO Status</b>	GMO-S1: CHO CHO CD274

CHO-PD-L1

<b>Surface antigens</b>	PD-L1 (CD274/B7-H1)
-------------------------	---------------------

<b>Receptors expressed</b>	PD-1/CD279
----------------------------	------------

CHO-PD-L1

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

<b>Supplements</b>	5 FBS (G418-Sulfat) 0.5
--------------------	-------------------------

<b>Dissociation Reagent</b>	
-----------------------------	--

<b>Doubling time</b>	14-16
----------------------	-------

<b>Subculturing</b>	
---------------------	--

<b>Split ratio</b>	1 5
--------------------	-----

<b>Seeding density</b>	$2 \times 10^5$
------------------------	-----------------

<b>Fluid renewal</b>	2 3
----------------------	-----

<b>Post-Thaw Recovery</b>	1:2 1:3 T25
---------------------------	-------------

<b>Freeze medium</b>	5 FBS + 10% DMSO
----------------------	------------------

**CHO-PD-L1 | 305975**

**Thawing and  
Culturing Cells**

1. Thaw the cells rapidly in a water bath at 37°C. 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 pre-warmed medium.
3. Seed the cells into a T75 flask containing 70% pre-warmed medium.
4. Incubate the cells at 37°C in a 5% CO<sub>2</sub> atmosphere.
5. Monitor the cell growth and confluency.
6. Harvest the cells when they reach 80-90% confluency.
7. Wash the cells with PBS.
8. Harvest the cells into a tube.

**Incubation  
Atmosphere**

37°C, 5% CO<sub>2</sub>

**Shipping  
Conditions**

Shipped at -150°C to -196°C

**Storage  
Conditions**

Store at -150°C to -196°C

**CHO-PD-L1 / CHO-PD-L1 / HLA**

**Sterility**

Cells are provided in a sterile, cryoprotected medium. The cells are tested for mycoplasma contamination (PCR) and are found to be free of mycoplasma.