

CHO-PD-L1 | 305975

CHO-PD-L1

Description

CHO-PD-L1 (CHO) cells expressing PD-L1 (CD274/B7-H1) cDNA. The cells are grown in DMEM supplemented with 10% FBS. The cells are used for immunotherapy studies.

Organism

CHO

Tissue

CHO

Disease

PD-L1 (CD274/B7-H1)

Applications

CHO-PD-L1; CHO-PD-L1; CHO-PD-L1; CHO-PD-L1

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

CellosaurusAccession

CVCL_A8X1

Product sheet

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GMO Status GMO-S1: CHO CD274

Surface antigens PD-L1 (CD274/B7-H1)

Receptors expressed PD-1/CD279

Culture Medium DMEM:Ham's F12 (1:1), w: 3.1 / , w: 2.5 L-, w: 15
CHO A (InSCREENeX; InSCREENeX I

Supplements FBS 5% Geneticin (G418-Sulfat) 0.5

Dissociation Reagent -EDTA

Doubling time 14-16

Subculturing PB

Split ratio 1 : 5

Seeding density 2 x 10⁴ /

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 cells rapidly at 37°C.
2. Resuspend cells in cryovial in 1 ml of complete medium.
3. Seed cells into a T25 flask containing 10 ml of complete medium.
4. Incubate cells at 37°C, 5% CO₂.
5. Monitor cell growth and confluency.
6. Once cells reach 70-80% confluency, passage them.
7. Seed cells into a T25 flask containing 10 ml of complete medium.
8. Incubate cells at 37°C, 5% CO₂.

**Incubation
Atmosphere**

37°C, 5% CO₂, humidified

**Shipping
Conditions**

Cells are shipped in a cryovial containing 1 ml of complete medium.

**Storage
Conditions**

Cells can be stored at -150 °C or -196 °C in liquid nitrogen.

Sterility

Cells are tested for mycoplasma contamination using PCR. Cells are found to be free of mycoplasma contamination.