

Product sheet

CHO-PD-L1 | 305975

Description

CHO-PD-L1 is a cell line derived from CHO cells expressing PD-L1 (CD274/B7-H1). The cells are grown in DMEM/F12 supplemented with 10% FBS. The cell line is characterized by its high expression of PD-L1, which is used for studying the interaction with PD-1 on T cells. The cell line is available in two formats: as a suspension culture or as a adherent culture. The cell line is characterized by its high expression of PD-L1, which is used for studying the interaction with PD-1 on T cells. The cell line is available in two formats: as a suspension culture or as a adherent culture.

Organism

Tissue

Disease, ; PD-L1 (CD274/B7-H1)

Applications ; PD-L1 ; ; ;

Age

Gender

Morphology

Cell type

Growth properties /

Citation CHO-PD-L1 (Cytion 305975)

Biosafety level 1

NCBI_TaxID 10029

Product sheet

CHO-PD-L1 | 305975

CellosaurusAccession CVCL_A8X1

GMO Status GMO-S1: CHO CD274 . , .

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

Receptors expressed PD-1/CD279

Culture Medium : DMEM: F12(1:1), w: 3.1g/L , w: 2.5mM L- , w: 15mM HEPES, w: 0.5mM , w: 1.2g/L NaHCO3(Cytion
CHO A(InSCREENeX, InSCREENeX INS-ME-1039)

Supplements : 5% FBS . (G418-) 0.5mg/mL .

Dissociation Reagent : -EDTA

Doubling time 14~16

Subculturing : PBS . PBS CO2 /EDTA (: T25~3

Split ratio 1~5

Seeding density $2\sim5 \times 10^4$ /cm²

Fluid renewal 2~3

Post-Thaw Recovery T25 1:2 ~ 1:3 24 () .

Freeze medium (FBS) + 10% DMSO , CM-1(Cytion 800100)

CHO-PD-L1 | 305975

Thawing and
Culturing Cells

1. .
2. -150°C , 3 .
3. 37°C 40~60 .
4. , 70% .
5. 8ml 15ml .
6. 300 x g 3 .
7. 10ml . T25 , T25
8. .

Incubation
Atmosphere

37°C, 5%_{CO2} .

Shipping
Conditions

-78°C .

Storage
Conditions

-150°C -196°C . 80°C .

Sterility

PCR .
, .