

CHO-PDCD1 | 305973

CHO-PDCD1

Description	CHO-PDCD1 (CHO) is a CHO cell line expressing the human PDCD1 (PD-1) protein. The cells are derived from CHO cells and are stably transfected with the human PDCD1 cDNA. The cells are used for the production of monoclonal antibodies against PDCD1. CHO-PDCD1 (CHO) is a CHO cell line expressing the human PDCD1 (PD-1) protein. The cells are derived from CHO cells and are stably transfected with the human PDCD1 cDNA. The cells are used for the production of monoclonal antibodies against PDCD1.
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Organism	CHO
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Tissue	CHO
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Disease	PD-1 (PDCD1/CD279) is a protein that plays a role in the regulation of the immune system. It is a member of the immunoglobulin superfamily and is expressed on the surface of T cells and other immune cells.
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Applications	CHO-PDCD1 (CHO) is used for the production of monoclonal antibodies against PDCD1. The cells are used for the production of antibodies that recognize the extracellular domain of PDCD1.
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CHO-PDCD1

Age	CHO
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Gender	CHO
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Morphology	CHO
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Cell type	CHO
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Growth properties	CHO
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CHO-PDCD1

Citation	CHO-PDCD1 (CHO) Cytion 305973
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Biosafety level	1
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NCBI_TaxID	10029
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Product sheet

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CellosaurusAccession CVCL_A8X0

GMO Status GMO-S1: CHO PDCD1

Receptors expressed PDCD1/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 $2 \times 10^5 \times \frac{1}{\text{cm}^2}$

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 cryovial -150 µl.
3. Seed cells into a 25 cm² flask at 37°C.
4. Seed cells at 70% confluency.
5. Seed cells at 15 µl.
6. Seed cells at 300 x g 3 min.
7. Seed cells at 10 µl.
8. Seed cells at 10 µl.

**Incubation
Atmosphere**

37°C, 5% CO₂, humidified

**Shipping
Conditions**

Cells are shipped in a dry ice container.

**Storage
Conditions**

Cells are stored at -150 °C to -196 °C.

Cells are not certified for use in clinical trials.

Sterility

Cells are tested for mycoplasma contamination by PCR.

Cells are tested for endotoxin contamination.