

Product sheet

CHO-CD206 | 305981

CHO-CD206

Description

CHO-CD206 is a CHO cell line expressing the CD206 protein. The cells are grown in DMEM supplemented with 10% fetal bovine serum (FBS) and 1% penicillin/streptomycin. The CD206 protein is expressed on the cell surface and is used for the production of antibodies.

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Organism CHO

Tissue CHO

Disease CD206 (MRC1/CD206)

Applications CHO-CD206 cells are used for the production of antibodies.

CHO-CD206

Age CHO

Gender CHO

Morphology CHO

Cell type CHO

Growth properties CHO

CHO-CD206

Citation CHO-CD206 (CHO) Cytion: 305981

Biosafety level 1

NCBI_TaxID 10029

CellosaurusAccession CVCL_A8V7

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GMO Status GMO-S1: CHO CHO CD206

Receptors expressed CD206

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 5 4

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 5% CO₂ atmosphere.
5. Monitor the cell growth and passage the cells when they reach 70-80% confluency.
6. Harvest the cells by trypsinization and centrifugation.
7. Resuspend the cells in 1 ml of medium.
8. Seed the cells into a new flask.

Incubation Atmosphere

37°C, 5% CO₂

Shipping Conditions

Cells are shipped in a dry ice container at -150°C to -196°C.

Storage Conditions

Cells should be stored at -150°C to -196°C.

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Sterility

Cells are tested for sterility using PCR.

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