

CHO-CD20 | 305976

CHO-CD20

Description

CHO-CD20 is a CHO cell line expressing CD20. It is used for the production of monoclonal antibodies. The cells are grown in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 100 µg/ml penicillin, 100 µg/ml streptomycin, and 100 µg/ml neomycin. The cells are maintained at 37°C in 5% CO₂.

CHO-CD20 cells are derived from CHO cells (CHO) and express CD20. The cells are used for the production of monoclonal antibodies. The cells are grown in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 100 µg/ml penicillin, 100 µg/ml streptomycin, and 100 µg/ml neomycin. The cells are maintained at 37°C in 5% CO₂.

Organism CHO

Tissue CHO

CHO-CD20

Age CHO

Gender CHO

Morphology CHO

Cell type CHO

Growth properties CHO

CHO-CD20

Citation CHO-CD20 (CHO) Cytion: 305976

Biosafety level 1

NCBI_TaxID 10029

CellosaurusAccession CVCL_A8V4

CHO-CD20

Product sheet

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Receptors expressed CHO-CD20

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Culture Medium DMEM: DMEM:Ham's F12 (1:1) 3.1 µg/ml Insulin 2.5 µg/ml Transferrin 15 µg/ml Selenium (1:1:1:1)
CHO A (InSCREENeX InSCREENeX INS-ME-1039)

Supplements 5% FBS (G418-Sulfat) 0.5 µg/ml

Dissociation Reagent Trypsin-EDTA

Subculturing 1:2 to 1:3

Fluid renewal 2 to 3 times per week

Post-Thaw Recovery 1:2 to 1:3 in T25 flasks

Freeze medium FBS + 10% DMSO

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Thawing and Culturing Cells

1. Thaw the vial rapidly 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 pre-warmed medium.
3. Seed the cells into a T75 flask containing 50 ml of pre-warmed medium.
4. Incubate the cells at 37°C in a humidified atmosphere of 5% CO₂.
5. Monitor the cell growth and confluency. Once the cells reach 70-80% confluency, they can be passaged.
6. Harvest the cells by trypsinization and centrifugation.
7. Resuspend the cells in a fresh medium and seed them into a new flask.
8. Repeat the process for subsequent passages.

Incubation Atmosphere 37°C, 5% CO₂

Shipping Conditions Store at -150°C to -196°C

Storage Conditions Store at -150°C to -196°C

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Sterility The cells are provided in a sterile, sealed vial. The medium is also sterile.