

# CHO-FCGR2B | 305982

## CHO-FCGR2B

**Description**

CHO-FCGR2B is a CHO cell line expressing the FCGR2B receptor. The cells are derived from CHO cells and are stably transfected with the FCGR2B gene. The cells are used for the production of antibodies that bind to FCGR2B. The cells are grown in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 100 ng/ml insulin, transferrin, and selenium (ITS). The cells are maintained at 37°C in 5% CO2.

CHO-FCGR2B cells are a CHO cell line (CHO) that expresses the FCGR2B receptor (ITIM). The cells are used for the production of antibodies that bind to FCGR2B. The cells are grown in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 100 ng/ml insulin, transferrin, and selenium (ITS).

CHO-FCGR2B cells are a CHO cell line that expresses the FCGR2B receptor. The cells are used for the production of antibodies that bind to FCGR2B. The cells are grown in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 100 ng/ml insulin, transferrin, and selenium (ITS).

**Organism** CHO

**Tissue** CHO

**Disease** FCyRIIB (CD32B/FCGR2B)

**Applications** Fc, ADCP

## CHO-FCGR2B

**Age** CHO

**Gender** CHO

**Morphology** CHO

**Cell type** CHO

**Growth properties** CHO

## CHO-FCGR2B

**Citation** CHO-FCGR2B (CHO) Cytion: 305982

**Biosafety level** 1

**NCBI\_TaxID** 10029

Product sheet

**CHO-FCGR2B | 305982**

**CellosaurusAccession** CVCL\_A8W4

**GMO Status** GMO-S1: CHO CHO FCGR2B

**Receptors expressed** FCGR2B/CD32B

**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**  $2 \times 10^5$  /

**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 humidified atmosphere of 5% CO<sub>2</sub>.
5. Monitor the cell growth and confluency. Harvest cells when they reach 70-80% confluency.
6. Harvest cells by trypsinization and centrifugation.
7. Resuspend cells in a suitable medium.
8. Seed cells into a new flask for further culture.

**Incubation Atmosphere**

37°C, 5% CO<sub>2</sub>

**Shipping Conditions**

Shipped at -150°C to -196°C

**Storage Conditions**

Store at -150°C to -196°C

**CHO-FCGR2B / CHO-FCGR2B / HLA**

**Sterility**

Cells are provided in a sterile, cryoprotected medium. The medium contains antibiotics and is suitable for direct seeding into a new flask.