

Product sheet

CHO-FCGR2B | 305982

Description

CHO-FCGR2B is a CHO cell line expressing the FcγRIIB (CD32B/FCGR2B) receptor. The cell line is derived from CHO cells and is stably transfected with the FCGR2B gene. The cell line is characterized by its high expression of the FcγRIIB receptor, which is a member of the IgG receptor family. The cell line is used for the study of FcγRIIB function and for the production of FcγRIIB-specific antibodies. The cell line is maintained in DMEM/F12 medium supplemented with 10% FBS. The cell line is characterized by its high expression of the FcγRIIB receptor, which is a member of the IgG receptor family. The cell line is used for the study of FcγRIIB function and for the production of FcγRIIB-specific antibodies. The cell line is maintained in DMEM/F12 medium supplemented with 10% FBS.

Organism

Tissue

Disease, ; FcγRIIB (CD32B/FCGR2B)

Applications Fc ; Fc ; ADCP ; ;

Age

Gender

Morphology

Cell type

Growth properties /

Citation CHO-FCGR2B (Cytion 305982)

Biosafety level 1

NCBI_TaxID 10029

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CellosaurusAccession CVCL_A8W4

GMO Status GMO-S1: CHO FCGR2B . , .

Receptors expressed FCGR2B/CD32B

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)

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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 .

, .