

Product sheet

CHO-HER2 | 305413H

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Description

CHO-HER2 CHO (Chinese Hamster Ovary) Trastuzumab (Herceptin) Pertuzumab (Perjeta)

Organism

Tissue

Synonyms CHO-HER2

CHO-HER2 | 305413H

Age

Gender

Morphology

Growth properties

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Citation CHO-HER2 (Cytion 305413H)

Biosafety level 1

NCBI_TaxID 10029

GMO Status GMO-S1: This CHO cell line contains a construct enabling high-level expression of human HER2 for oncology and receptor-signaling studies. This classification applies only within Germany and may differ elsewhere.

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Receptors expressed HER2

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Culture Medium DMEM:Ham's F12 (1:1), w: 3.1 g/l / 100 ml, w: 2.5 g/l L-Glutamine, w: 15 mg/ml InSCREENeX; InSCREENeX INS-ME-1039)

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

Dissociation Reagent EDTA

Subculturing PBS

Fluid renewal 2-3 times

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

Freeze medium (FBS) + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cryovial in a 37°C water bath.
 2. Transfer cells to a 15 ml centrifuge tube.
 3. Centrifuge at 300 x g for 3 min.
 4. Remove supernatant and wash cells with PBS.
 5. Resuspend cells in 10 ml of culture medium.
 6. Seed cells into a T25 flask.
 7. Incubate cells in a humidified atmosphere at 37°C.
 8. Monitor cell growth and passage when cells reach 70-80% confluency.

Incubation Atmosphere 37°C, 5% CO₂, humidified atmosphere.

