

Product sheet

**CHO-HER2 CHO-HER2 | 305413MH**

**General information**

**Description**

CHO-HER2 CHO-HER2 (305413MH) is a CHO cell line derived from CHO-K1 cells, expressing the human HER2 protein. The cells are maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 100 ng/ml insulin, 10 ng/ml transferrin, and 10 ng/ml selenium (ITS). The cells are used for the production of monoclonal antibodies targeting HER2.

**Organism** CHO

**Tissue** CHO

**Synonyms** CHO-HER2

**Characteristics**

**Age** 1-2 months

**Gender** Male

**Morphology** Adherent

**Growth properties** Suspension / Adherent

**Documentation**

**Citation** CHO-HER2 High (305413MH) (305413MH)

**Biosafety level** 1

**NCBI\_TaxID** 10029

**GMO Status** GMO-S1: This CHO derivative contains a medium-to-high HER2 expression construct for evaluating HER2-targeted therapeutics. This classification applies only within Germany and may differ elsewhere.

**Additional information**

**Receptors expressed** HER2

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**Media**

**Culture Medium** DMEM: DMEM:Ham's F12 (1:1) 3.1 µg/ml / 2.5 µg/ml 15 µg/ml InSCREENeX InSCREENeX INS-ME-1039

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

**Dissociation Reagent** Trypsin-EDTA

**Subculturing** PBS

**Fluid renewal** 2-3 times

**Post-Thaw Recovery** 1:2 1:3 T25 70% (70%)

**Freeze medium** (10% FBS) + 10% DMSO

**Thawing and Culturing Cells**

1. Thaw cells in a 37°C water bath.
2. Dilute cells into 10 ml of culture medium.
3. Seed cells into a T25 flask.
4. Incubate cells for 24-48 hours until 70% confluency.
5. Perform a fluid change.
6. Seed cells into a 300 cm<sup>2</sup> flask.
7. Incubate cells for 10 days.
8. Harvest cells.

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>, humidified atmosphere.

