Product sheet

CHO-HER2 | 305413H

Description	: . . CHO-HER2 85,000 HER2 CHO( ) . HER2 , . CXCR7 .
Organism	
Tissue	
Disease	Chinese hamster ovary, non-neoplastic; genetically engineered for HER2 (ErbB2/CD340) surface expression (high expression level)
Applications	Antibody screening; ADCC/CDC assays; HER2-targeted therapy development; breast/gastric cancer research; flow cytometry
Synonyms	CHO-HER2

Age	
Gender	
Morphology	
Cell type	Epithelial cells
Growth properties	/

Citation	CHO-HER2 High(305413H)
Biosafety level	1
NCBI_TaxID	10029

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CellosaurusAccession	CVCL_A8W6
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.
Receptors expressed	HER2
Culture Medium	: DMEM: F12(1:1), w: 3.1 g/L , w: 2.5mM L- , w: 15mM HEPES, w: 0.5mM , w: 1.2 g/L NaHCO3(Cytior CHO A(, INS-ME-1039)
Supplements	: 5% FBS . (G418-) 0.5mg/mL .
Dissociation Reagent	: -EDTA
Doubling time	approx. 14-16 hours
Subculturing	: PBS . PBS /EDTA (: T25
Split ratio	1 to 5
Seeding density	2 to 5 x 10^4 cells/cm^2
Fluid renewal	2~3
Post-Thaw Recovery	T25 1:2 ~ 1:3 24 ( ) .
Freeze medium	(FBS) + 10% DMSO , CM-1(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% CO_2, humidified atmosphere.

Shipping Conditions

Cryopreserved cell lines are shipped on dry ice in validated, insulated packaging with sufficient refrigerant to maintain approximately −78 °C throughout transit. On receipt, inspect the container immediately and transfer vials without delay to appropriate storage.

Storage Conditions

For long-term preservation, place vials in vapor-phase liquid nitrogen at about −150 to −196 °C. Storage at −80 °C is acceptable only as a short interim step before transfer to liquid nitrogen.

Sterility

PCR .

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